

Annual
Report

20
23



Danish
Data Science
Academy



Danish
Data Science
Academy

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Danish Data Science Academy
Technical University of Denmark
Richard Petersens Plads
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2800 Kgs. Lyngby
Denmark

About Danish Data Science Academy

Novo Nordisk Foundation and VILLUM
FONDEN have awarded 184 MDKK to Danish
Data Science Academy to support and fund
education, networking and collaboration within
Danish data science in the years 2021-2026.

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Letter from the Managing Director

Growing Danish Data Science

As we look back, 2023 has been characterised as a year in which we have been able to lean on our experiences from the startup mode of 2022.

The first full year of Danish Data Science Academy lay a solid foundation for our journey, which paved the way for many parallel activities in full action in 2023, and the use of our experience to optimise processes and systems. Our established programmes attract more and more applicants and grant recipients to administer, and we continuously expand with new initiatives. Therefore, infrastructure has been a focal point with the implementation of a new grant management IT portal.

I am immensely proud of our achievements on our journey so far. We have awarded 20 talented young data scientists with a PhD Fellowship and 6 with a Postdoc Fellowship. We have awarded 88 Travel Grants and 29 Visit Grants, organised four conferences, including our first D3A conference in collaboration with our friends at Pioneer Centre for AI and Digital Research Centre Denmark with 500 attendees. Our National Data Science PhD Meetup series has been launched successfully, with 100 attendees and two meetups, along with two Pre-Graduate Retreats with 99 participants, and a Data Visualisation workshop. We have facilitated three Mentoring Programmes with 138 pairs, awarded 48 event grants with 6,500 participants, and 13 course grants with 880 participants. Our online presence continues to grow, with 5,400+ followers on LinkedIn and 850+ followers on X. We have published five issues of DDSAnews, and the community keeps our data science calendar rolling with numerous exciting data science activities.

These achievements underscore our commitment to advancing data science and fostering a thriving community within Danish data science. I look forward to building on this momentum in the years to come.

In 2023, we have operated at full capacity and have gained valuable insights with our governing bodies. Notably, we have decided to

streamline the number of advisory panels, merging national and international panels into a single body named the Advisory Panel in 2024. The ambition with this re-organisation is to achieve greater alignment between frequency of receiving advisory input and the organisational resources available to act on the input.

In December 2023, we appointed the 15 members who will constitute the new Young Academy Panel, and in January 2024, we opened for nominations for all our remaining governing bodies. We look very much forward to welcoming both new and familiar faces in the new bodies, who will be appointed from August 2024 till the end of 2026.

Looking ahead to 2024, we are particularly excited about the outcome of our Cross-Academy PhD Scholarship call in partnership with our sister-academies, Danish Cardiovascular Academy and Danish Diabetes and Endocrine Academy. In 2024, we will also double the number of DDSA Fellows from 26 at the end of 2023 to 52 by June 2024. This growth prompts us to consider new initiatives, such as dedicated Postdoc opportunities, which are currently absent from our portfolio.

I am very thankful for the remarkable engagement and energy of the individuals within our organisation, and a special thanks to the Novo Nordisk Foundation and the Villum

Foundation for making it all possible. This enthusiasm is fundamental in achieving the DDSA mission – to support a national collaborative network of data science experts across universities, public institutions, and industries, and to inspire and train the next generation of data scientists through educational, interdisciplinary, and collaborative activities. It is such a pleasure seeing Danish Data Science Academy unfold through this willingness to co-create and impact, drawing from each unique perspective and experience in the aim of Growing Danish Data Science.

All the best,



Managing Director



DDSA Main Achievements 2021-2023

Scientific Excellence



- 20 PhD Fellows
- 6 Postdoc Fellows
- 88 Travel Grants
- 29 Visit Grants
- Annual Pre-Graduate Retreat (99 attendees)

Organisation

- IT system for DDSA grant management IT portal
- Vibrant and diverse organisation of 75 people
- Guidelines: Code of Conduct & Conflict of Interest



Partnerships & Synergy

- Close collaboration and knowledge sharing with DDEA, DCA, P1, and DIREC
- Joint annual conference with P1 and DIREC
- Meetings with among others ADD, DDSC, ADD, NAD, and HIDA

Community Building



- DDSA Grand Opening (450 hybrid attendees)
- Celebrating Danish Data Science 2023 (100 attendees)
- Danish Data Science 2022 Conference (300 attendees)
- D3A Conference 1.0 (500 attendees)
- DDSA and P1 PhD Retreat (20 attendees)
- Two National Data Science PhD MeetUps (100 attendees)



Visibility & Branding

- DDSA newsletter
- DDSA Awareness Tour to all Danish universities
- Creation of DDSA visual identity
- 5,400+ followers on LinkedIn
- 850+ followers on X
- 29 PhD and Postdoc videos – ‘What is data science?’

Training & Education



- 48 Event Grants for a total of 6,500 participants
- 13 Course Grants for a total of 880 participants
- Data Visualisation Workshop (40 attendees)

Community Resources



- DDSA national data science calendar
- Mentoring Programme (138 pairs)
- DDSA Art work

Timeline for DDSA Highlights 2021-2022

2021 November

First employee hired

2022 June

Secretariat fully staffed
DDSA Grand Opening
at Statens Museum for
Kunst

10 first DDSA PhD
Fellowships awarded

2022 September

First Travel & Visit
Grants awarded

Mentoring Programme
#1 (30 pairs)

2022 November

Danish Data Science
2022 Conference at
Hotel Legoland

2022 March

All DDSA Committees
and panels appointed
First Course & Event
Grants awarded

2022 August

Pre-Graduate Retreat #1

2022 December

Launch of DDSA
Newsletter
Launch of Data Science
Calendar at ddsa.dk

Timeline for DDSA Highlights 2023-

2023 January

Launch of DDSAs new grant management IT Portal

2023 June

National Data Science PhD MeetUp #1

Celebrating Danish Data Science 2023 at Utzon Center in Ålborg

6 first DDSA Postdoc + 10 new PhD Fellowships awarded

2023 October

Call for Cross-Academy PhD Scholarships launched

Mentoring Programme #3 (53 pairs)

2024 January

Young Academy Panel 2.0 appointed

National Data Science PhD MeetUp #2

2023 March

Mentoring Programme #2 (55 pairs)

2023 August

Pre-Graduate Retreat #2

2023 November

Data Visualisation Course

'Ask Me Anything' webinar series kicked off

Danish National Championship in AI

2024 February

D3A 1.0 conference by DDSA, DIREC, P1

Danish Data Science Academy at a Glance

Data science is a rapidly evolving field and is of crucial importance to the development of our society. This applies to everything from digitalisation and disease prevention to sustainable growth and business development.

Data science is a rapidly evolving field and is of crucial importance to the development of our society. This applies to everything from digitalisation and disease prevention to sustainable growth and business development. In 2030, Denmark will lack up to 80,000 people with skills within AI.¹

Danish Data Science Academy (DDSA) aims to create a unique data science environment in Denmark which can compete internationally and attract talent. DDSA wants to unite private sector, public authorities, organisations, and the research sector, developing a world class Danish data science eco-system that enables excellent data science-driven research, training, and knowledge sharing. To achieve this, DDSA is supporting and funding education, networking, and collaboration within Danish data science.

¹ McKinsey and The Innovation Fund Denmark, 2019, ['An AI Nation?'](#).

Danish Data Science Academy's Vision

**Danish Data Science
Academy's Vision is that
Denmark has a world-class
data science research and
education eco-system.**

Danish Data Science Academy's Mission

- Create a collaborative national network that elevates and supports data science and enables excellent data science-driven research, teaching, training, networking, and knowledge sharing; and
- Train more skilled data scientists that will benefit both the public and private sectors in Denmark in the long term.

Principles

To secure a safe environment with high standards and transparency, DDSA has developed the following principles:

- Code of Conduct - DDSA expect everyone engaged in DDSA activities to contribute to a safe and inclusive environment. Organisers of DDSA supported events are therefore responsible for informing and promoting the [DDSA Code of Conduct](#) during the event, and for immediately notifying DDSA of any breach to it that has come to their attention.
- Conflict of Interest - DDSA is determined to maintain the highest standards of integrity, work ethics, and transparency across all its activities. To succeed in this, the work of all DDSA governing bodies, committees, employees, and grant holders is governed by a set of guidelines. The basic principles underlying the [DDSA Guidelines for Conflict of Interest](#) are that decisions shall be made in an unbiased way.

Funding

184.3 million DKK

- The Novo Nordisk Foundation and VILLUM Foundation have generously awarded DKK 184.3 million to the establishment and operations of Danish Data Science Academy in 2021-2026.
- The Novo Nordisk Foundation grant is DKK 152.5 million and the VILLUM Foundation grant is DKK 31.8 million.

DDSA Mission and Key Objectives

Scientific Excellence

Build national research capacity and enable scientific excellence by awarding PhD and Postdoc fellowships.



Mission

- To create a collaborative national network that elevates and supports data science, and enables excellent data science-driven research, teaching, networking, and knowledge sharing.
- Train more skilled data scientists that will benefit both the public and private sectors in Denmark in the long term.

Partnerships & Synergy

Act as a national network that is complementary to, and synergetic with, other initiatives. Be open towards other foundations.



Community Building

Create a collaborative data science community in Denmark that connects data scientists across institutions and sub-disciplines through activities and events.



Visibility & Branding

Improve visibility of data science as a scientific discipline by acting as a platform for communication and outreach about data science research, education, and societal impact.



Training & Education

Support training of the next generation of researchers by supporting development of new courses to supplement, strengthen, and broaden the portfolio at Danish universities.



Community Resources

Enhance knowledge sharing by acting as aggregator of national overviews of courses, events, shared resources, methods, etc.



Organisation



Managing Director
Sofie Inari Castella



Communications Manager
Marie Louise Thorstensen



Fellowship & Grant Manager
Mette Specht Andersen



Executive Assistant
Britta Isager Nielsen



Scientific Events Programme Manager
Sandra Franco Iborra



Student Assistant Communications
Benedikte Maria Harders Lentz



Education & Grant Manager
Sniff Andersen Nexø



Student Assistant Data Science
Adrián Sousa-Poza



Service Designer
Marius Laurberg Cortsen

© Photos by Mikael Schlosser

Secretariat

In 2023, the secretariat was expanded from six to seven full-time employees and two student helpers in the office at Technical University of Denmark (DTU) in Lyngby.

The DDSA Secretariat as of January 1, 2024

Board, Committees, and Panels

The DDSA board, committees and panels are pivotal to lift and expand on the visions and ambitions of DDSA. The members represent all Danish universities, public and private sectors, a multitude of different fields and professions within data science, and ranges from students to vice presidents, and spans the full Denmark.

All the bodies were appointed in 2022 running until August 2024. Except was the Young Academy Panel, which were only appointed until January 2024.

Details regarding the Board, committees, and panels are available in the Appendix.

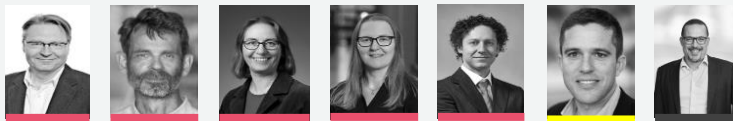
Nomination Process for New Governing Bodies

In June 2023, DDSA opened for nominations for the second generation of the Young Academy Panel. A total of 76 highly qualified and motivated candidates covering academia, private, and public sectors across Denmark nominated, including seven existing members of the panel. The Education & Networking Committee assessed all nominations, keeping the diversity of the panel with respect to gender, seniority, location, sector, and specialization in mind. In December, DDSA appointed the 15 members who will constitute the Young Academy Panel from January 31, 2024, till the end of 2026.

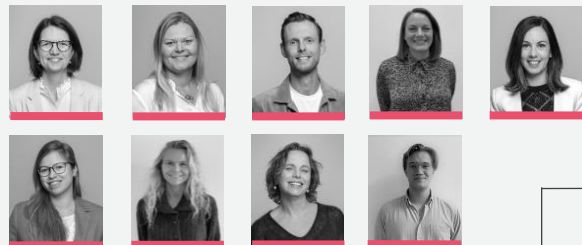
In January 2024, DDSA has opened for nominations for all remaining governing bodies: The Board of Directors, the Fellowship Evaluation Committee, the Education & Networking Committee, the Cross-Academy Collaboration Committee, and the Advisory Panel. This includes, among other things, a new nomination section at ddsa.dk and a social media-campaign. The new bodies will be appointed from August 2024 till the end of 2026.

People of DDSA

Board of Directors



Secretariat



Fellowship Evaluation Committee



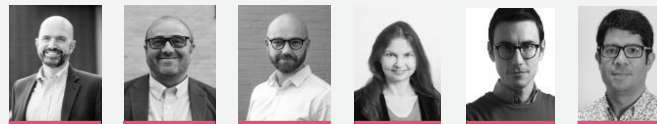
Education & Networking Committee



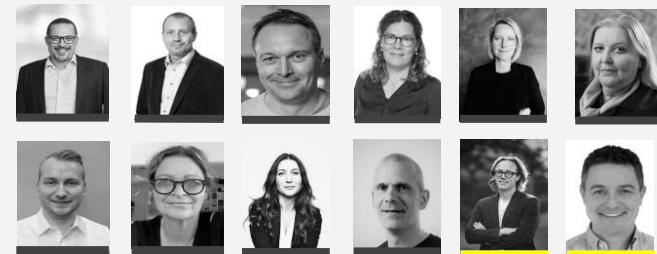
Cross-Academy Collaboration



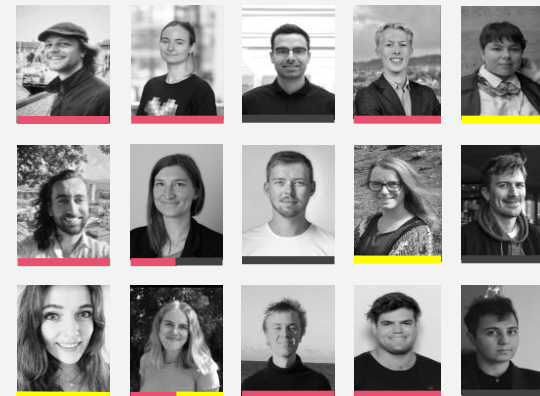
International Advisory Panel



National Advisory Panel



Young Academy Panel II



- University
- Public institution
- Private sector

DDSA spans the national data science ecosystem

- University
- Public institution
- Private sector
- +12 international



And topped with 12 international research perspectives

- University
- Public institution
- Private sector





Scientific
Excellence



Data science is a fast-changing field, and DDSA strives to engage and nurture the young researchers – and future leaders – who are driving this field. By focusing on academic freedom and the researcher-driven idea, DDSA is aiming to engage and empower the new generation of talented data science researchers

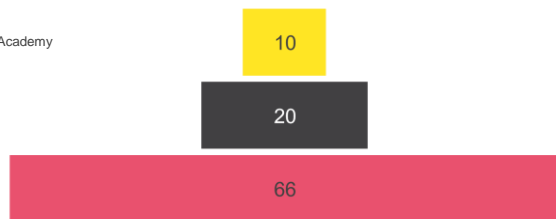
DDSA is awarding PhD and Postdoc Fellowships in open competition. DDSA also supports mobility and development of students and young researchers by awarding Travel Grants for short research stays, semesters abroad, international conference attendance, and Visit Grants to Denmark. All DDSA grants are personal awards that

enable promising young data scientists to define and carry out their research career and professional development. Furthermore, DDSA hosts the annual DDSA Pre-Graduate retreat for data science students curious to learn more about the opportunities and perspectives of pursuing a PhD after graduation.

- Awarded a DDSA PhD Fellowship
- Candidates in interview
- Applications in total

PhD applicants' success rate, 2022

Source: Danish Data Science Academy
n=66



DDSA PhD Fellowships

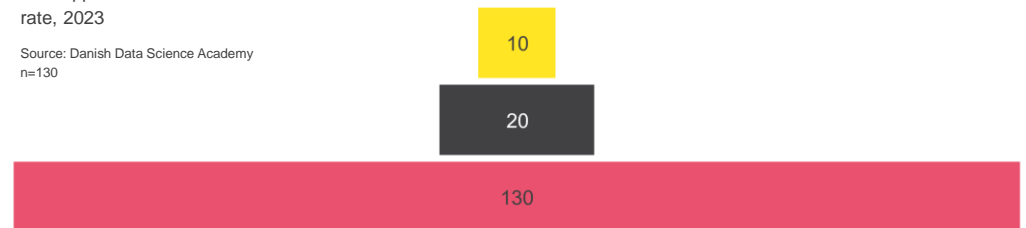
In June 2023, 10 young data science talents were awarded a DDSA PhD Fellowship of DKK 1.89 million at 'Celebrating Danish Data Science' at Utzon Center in Ålborg. In addition to the first 10 PhD Fellowships awarded in 2022, this brings the number of DDSA PhD fellows to 20.

The main objective of the DDSA PhD Fellowship Programme is to attract and educate excellent PhD students within data science, achieve scientific excellence and impact, while simultaneously extending the application of data science in relevant scientific domains. The scope of the programme enables visionary and ambitious young data scientists to pursue their own research ideas in collaboration with a Danish research environment in all fields of data science.

In 2023, DDSA received 130 applications, almost twice as many as the previous year. Of these, 20 were interviewed, and 10 were awarded a DDSA PhD Fellowship. The DDSA Fellowship Evaluation Committee evaluated the applications based on the quality and impact of the proposed research, feasibility, applicant qualifications, collaboration, and alignment with the DDSA scope. Each application was scored individually by up to four committee members, followed by a full committee discussion meeting. The chair and the international committee members were responsible for conducting the interviews and selecting the final 10 candidates. The selected candidates were finally processed and approved by the DDSA Board of Directors.

PhD applicants' success rate, 2023

Source: Danish Data Science Academy
n=130

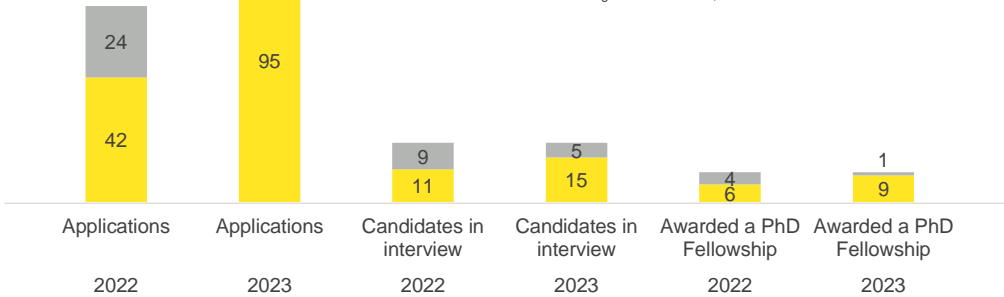


PhD applicants by gender, 2022-2023

Source: Danish Data Science Academy
n=66 (2022); 130 (2023)

- Male
- Female
- Prefer not to say

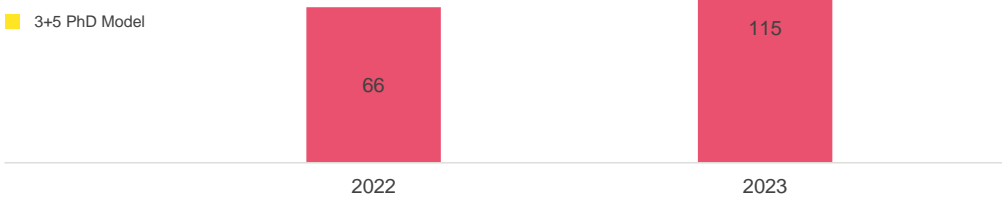
Note: Altogether 3 female applicants were awarded, however 2 of them declined, and a waiting list was activated, where both new candidates were male.



PhD applications by application model, 2022-2023

Source: Danish Data Science Academy
n=66 (2022); 130 (2023)

- 5+3 PhD Model
- 4+4 PhD Model
- 3+5 PhD Model

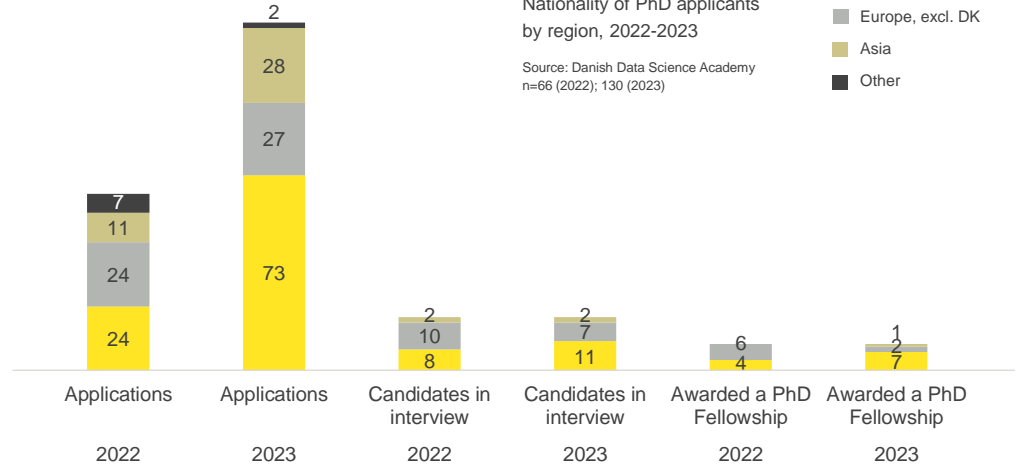


Note: The eligibility scope was widened in 2023 to include candidates with preliminary master's degrees and flexible PhD models, the 3+5 and 4+4 models. These models were not available for the 2022 applicants.

Nationality of PhD applicants by region, 2022-2023

Source: Danish Data Science Academy
n=66 (2022); 130 (2023)

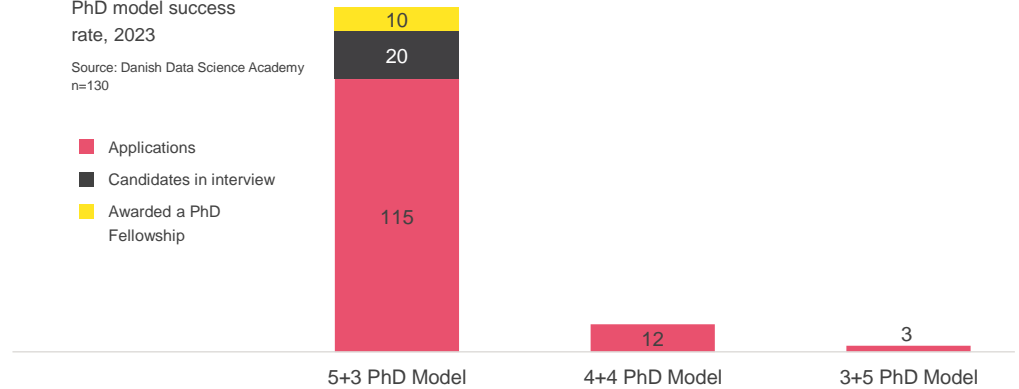
- Denmark
- Europe, excl. DK
- Asia
- Other



PhD model success rate, 2023

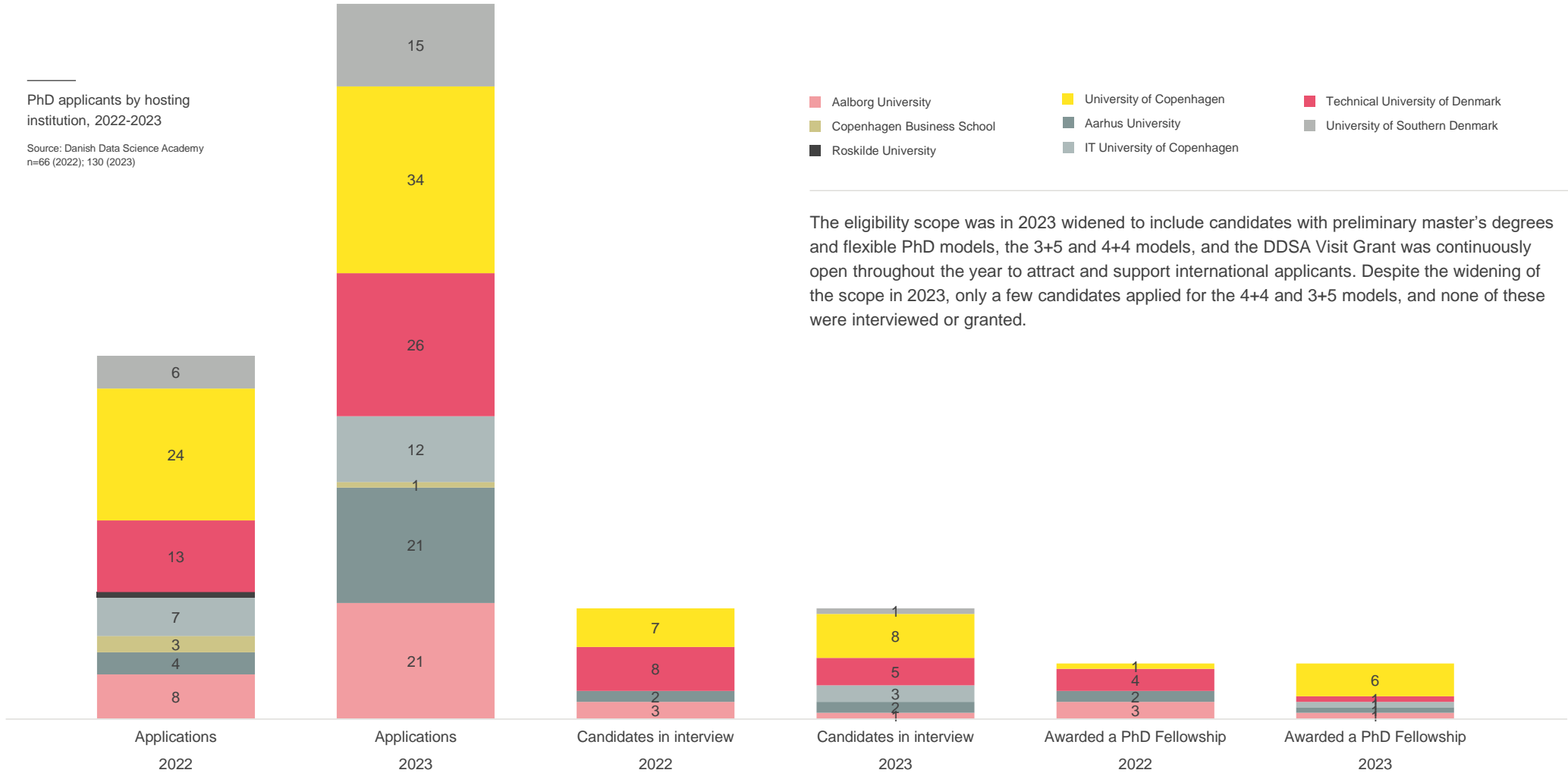
Source: Danish Data Science Academy
n=130

- Applications
- Candidates in interview
- Awarded a PhD Fellowship



PhD applicants by hosting institution, 2022-2023

Source: Danish Data Science Academy
n=66 (2022); 130 (2023)



The eligibility scope was in 2023 widened to include candidates with preliminary master's degrees and flexible PhD models, the 3+5 and 4+4 models, and the DDSA Visit Grant was continuously open throughout the year to attract and support international applicants. Despite the widening of the scope in 2023, only a few candidates applied for the 4+4 and 3+5 models, and none of these were interviewed or granted.



DDSA PhD Fellows 2023

University of Copenhagen

Christoffer Sejling

'New Methods for Functional Data to Quantify Clinically Relevant Traits of CGM (Continuous Glucose Monitor) Measurement Patterns and Guide Clinical Decision Making'

Aalborg University

Mikkel Runason Simonsen

'Improving the Clinical Utility of Prognostic Tools Through Calibration'

Technical University of Denmark

Jakob Lønborg Christensen

'Diffusion Models for Image Segmentation'

University of Copenhagen

Mikkel Werling

'Increasing Predictive Performance and Generalizability of AI in Healthcare Using Meta-learning and Federated Learning in an International Collaboration'

University of Copenhagen

Arman Simonyan

'New Machine Learning-Driven Approaches for Peptide Hormone and Drug Discovery'

University of Copenhagen

Javier Garcia Ciudad

'Modelling Electrophysiological Features of Sleep and the Variation Induced by Differences in Species, Gender, Age, or Disease Using Deep Learning'

IT University of Copenhagen

Sebastian Loeschcke

'Tensor Networks for Efficient Image Rendering'

University of Copenhagen

Asbjørn Munk

'Towards Theoretically Grounded Domain Adaptation for Brain Image Segmentation'

Aarhus University

Jette Steinbach

'The Impact of Genetic and Environmental Heterogeneity on Health Prediction Models'

University of Copenhagen

Thomas Gade Kofoed

'Resolving Insulin Resistance Heterogeneity in Human Skeletal Muscle Using Multimodal Single-Nucleus Sequencing'



Aalborg University

Ida Burchardt Egendal

'Mutational Signatures using Neural Networks for Robust Stratification of Cancer Patients'

Technical University of Denmark

Matteo Arnaudi

'Classification of Variants of Unknown Significance (VUS) Predisposing to Cancer'

Aalborg University

Gala Humblot-Renaux

'"Are You Sure?" Towards Trustworthy Computer Vision with Deep Multimodal Uncertainty Estimation'

University of Copenhagen

Richard Michael

'Principled Bayesian Optimization and Scientific ML for Protein Engineering'

Aarhus University

Amalie Brogaard Pauli

'Computational Rhetorical Analysis: Transfer Learning Methods for Detecting Persuasion in Text'

Technical University of Denmark

Fabian Mager

'Using Transformer Models to Investigate Brain Structure, Neurodevelopment and Cognition'

Aalborg University

Rasmus Christensen

'Computational Design of Disordered Electrode Materials for Batteries'

Technical University of Denmark

Emilie Wedenberg

'Discovering Polytopes in High Dimensional, Heterogeneous Datasets using Bayesian Archetypal Analysis'

Technical University of Denmark

Paul Jeha

'Itô's Formula as a Learnable Bridge between two SDEs'

Aarhus University

Peter Laszlo Juhasz

'Topological Data Analysis Based Models of Evolving Higher-Order Networks'





University of Copenhagen

Beatriz Quintanilla Casas

'Exploratory Gastronomy (EXPLOGA): Turning Flavour Chemistry into Gastronomy Through Advanced Data Analysis'

University of Copenhagen

Daniel Murnane

'Learning the Language of Reality: A Multi-tasking, Multi-scale Physics Language Model for High Energy Physics'

University of Copenhagen

Dustin Wright

'Supporting Faithful Reporting on Scientific Research with AI Writing Assistant'

Technical University of Denmark

Ignacio Peis Aznarte

'INR-Gen: Implicit Neural Representations Generation for Efficiently Handling Incomplete Data'

University of Copenhagen

Laura Helene Rasmussen

'When Winter is Weird: Quantifying the Change in Winters Across the Arctic'

University of Copenhagen

Luigi Gresele

'Causal Representation Learning: Conceptual Foundations, Identifiability and Scientific Applications'



DDSA Postdoc Fellowships

In June 2023 DDSA awarded the first 6 two-year Postdoc Fellowships of DKK 1.26 million each at 'Celebrating Danish Data Science' at Utzon Center in Ålborg.

The DDSA Postdoc Fellowship is an individual research grant supporting excellent data scientists in the beginning of their research career to develop and consolidate their individual research identity and scientific network. The main objective of the DDSA Postdoc Fellowship Programme is to attract and educate excellent postdoctoral researchers within data science, achieve scientific excellence and impact, while simultaneously extending the application of data science in relevant scientific domains. The scope of the programme enables visionary and ambitious early career scientists to pursue their own research ideas in collaboration with a Danish research environment in all fields of data science aligning with the scope of the Novo Nordisk Foundation.

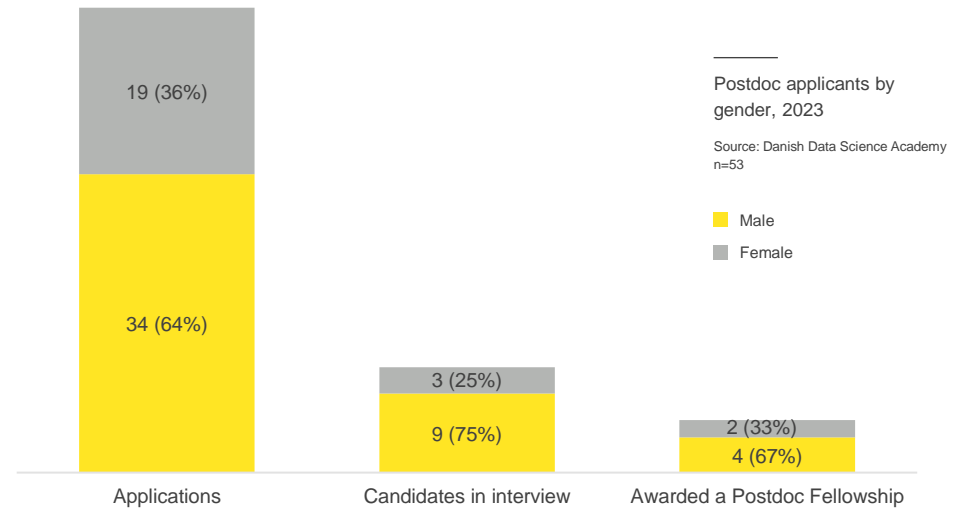
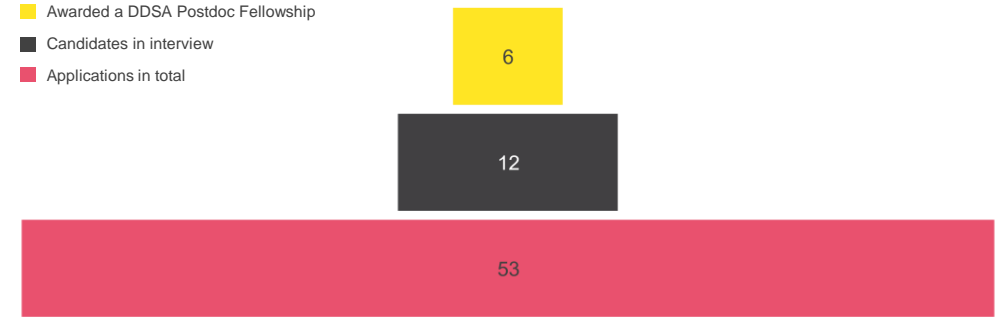
DDSA received 53 applications, 12 were interviewed, and 6 were awarded a DDSA Postdoc Fellowship. The DDSA Fellowship Evaluation Committee evaluated the applications based on the quality and impact of the proposed research, feasibility, applicant qualifications, mobility, collaboration, and alignment with the Novo Nordisk Foundation

scope. Each application was scored individually by up to four committee members, followed by a full committee discussion meeting. The chair and the international committee members were responsible for conducting the interviews and selecting the final 6 candidates. The selected candidates were finally processed and approved by the DDSA Board of Directors. The DDSA Visit Grant was open throughout the year in order to attract and support international talents.

To achieve scientific excellence, DDSA continuously monitors application and evaluation criteria to ensure that DDSA Fellowships are attractive and accessible to the full talent pool, acknowledging that candidates are balancing a scientific career, with e.g., family life. Therefore, in the 2024 Postdoc Fellowship call, the 'Change of Environment (mobility) criterion' has been replaced with a 'Scientific Independency and Collaboration criterion' to better the applicants' opportunity to demonstrate scientific maturity and development.

Postdoc applicants, 2023

Source: Danish Data Science Academy
n=53

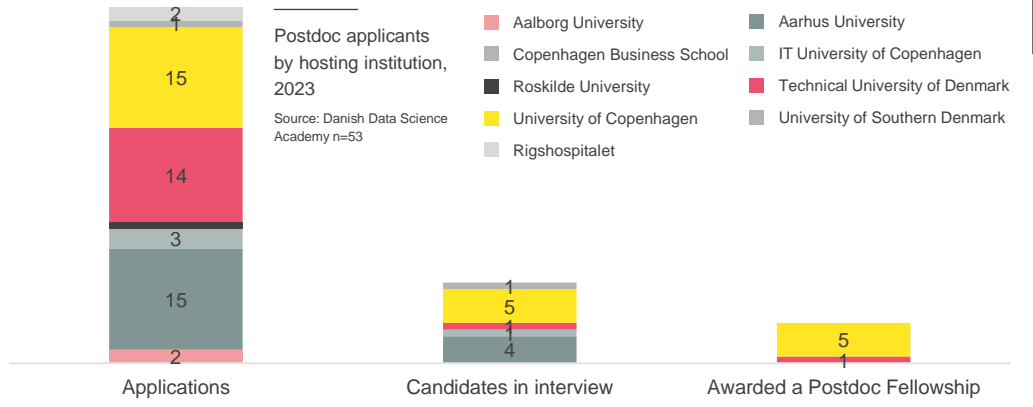




© Photo by Rico Feldfoss

Nationality of Postdoc applicants by region, 2023

Source: Danish Data Science Academy
n=53





Cross-Academy PhD Scholarships

In 2023 DDSA opened two calls for 5 Cross-Academy PhD Scholarships each in partnership with our Novo Nordisk Foundation sister academies; Danish Cardiovascular Academy, and Danish Diabetes and Endocrine Academy. The scholarships are two-thirds funded.

The Cross-Academy scholarships aims to bridge the Danish data science environment with Danish cardiovascular, endocrine, and diabetes disease research. Funding data science research within these disciplines lies at the intersect of the academies' common founder, Novo Nordisk Foundation, and DDSA is excited to support and promote interdisciplinary education and cross-sectoral research to further extend the application of data science across relevant scientific domains. The 10 scholarships are expected to be awarded in June 2024.



Visit Grants

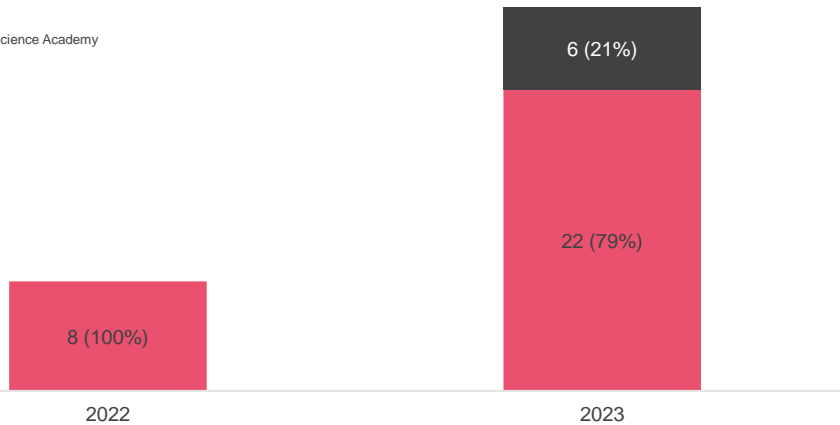
In 2023, DDSA awarded 22 Visit Grants to students and early career researchers who visited data science research groups in Denmark. The Visit Grant is part of the DDSA Fellowship Programme, giving students and early career researchers the opportunity to explore new research environments within data science and form the basis for a future DDSA PhD or Postdoc Fellowship application in collaboration with a potential supervisor from a Danish university or research institution.

Visit Grants are open to national and international bachelor's and master's students, PhD students, and Postdoc researchers, and contribute up to DKK 15,000 to a visit. Applications are processed by the DDSA Secretariat in collaboration with the DDSA Fellowship Evaluation Committee chair. The call is open all year round to support upcoming opportunities for applicants.

Visit Grant, award rate, 2022-2023

Source: Danish Data Science Academy
n=8 (2022); 28 (2023)

■ Awarded
■ Rejected

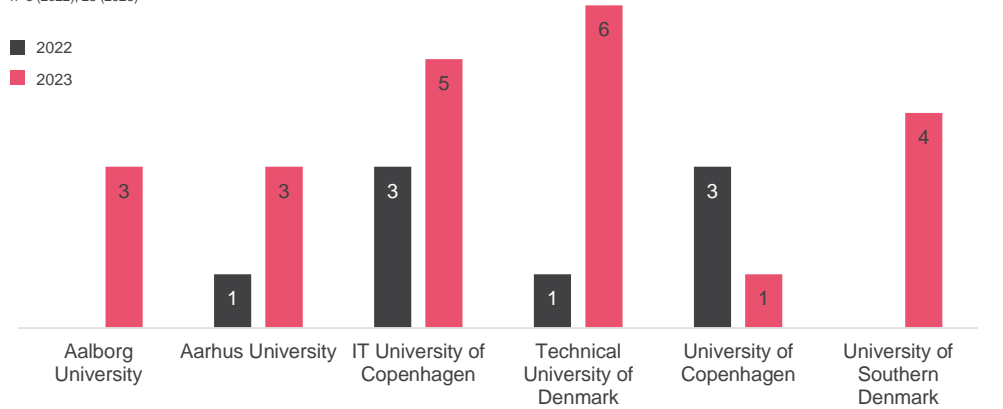


Note: In 2022, the Visit Grant call was only open for 6 months, while all year round in 2023. Rejections were due to applications lacking a supervisor located in Denmark, applications with a supervisor who had already received three visit applicants that year, or applications where the data science component was not sufficiently described or clear enough to merit funding.

Visit Grant by host supervisor's institution, 2022-2023

Source: Danish Data Science Academy
n=8 (2022); 28 (2023)

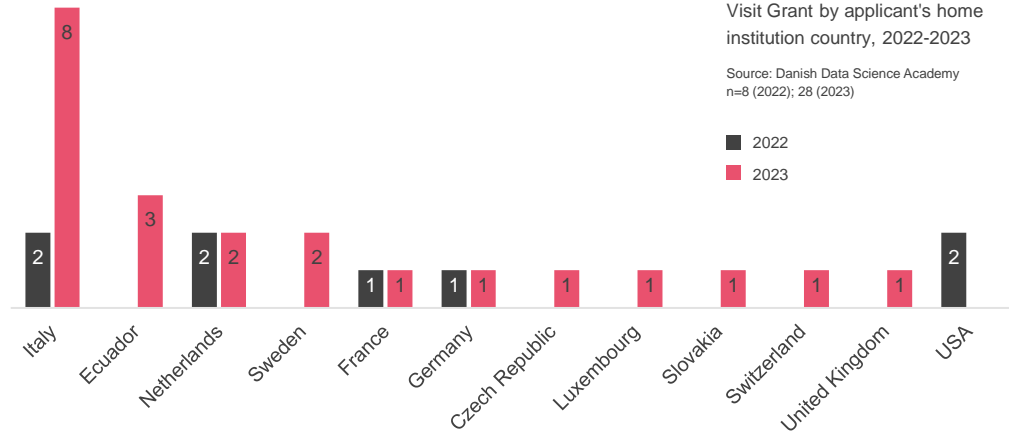
■ 2022
■ 2023



Visit Grant by applicant's home institution country, 2022-2023

Source: Danish Data Science Academy
n=8 (2022); 28 (2023)

■ 2022
■ 2023



Travel Grants

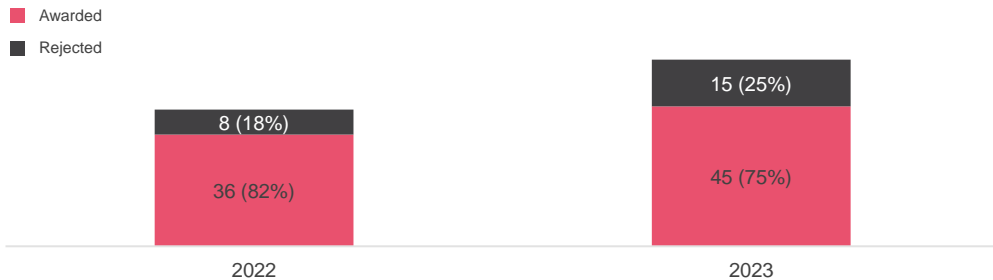
In 2023 DDSA awarded 45 Travel Grants to students and young researchers from Danish universities travelling to participate in scientific activities outside of Denmark, engage in the international data science community or study a semester abroad. The grant contributes up to DKK 15,000 to travel costs, and applications are processed by the DDSA Secretariat in collaboration with the DDSA Fellowship Evaluation Committee chair.

The Travel Grant was open for applications twice during 2023. In March, the grant was open to bachelor, master's and PhD students, and Postdoc researchers, and DDSA received 25 applications within only 10 days resulting in the grant running out of funds.

Due to the massive demand for travel grants, the DDSA Board of Directors evaluated that PhD students and Postdocs researchers have better means available for funding their travel activities than bachelor and master students. Therefore, DDSA adjusted the eligibility criterion for the September call to include only bachelor and master's students. As a result, DDSA had enough funding to keep the call open throughout the rest of 2023, and thus enabled students to seize upcoming travel possibilities during their study.

Travel Grant, award rate, 2022-2023

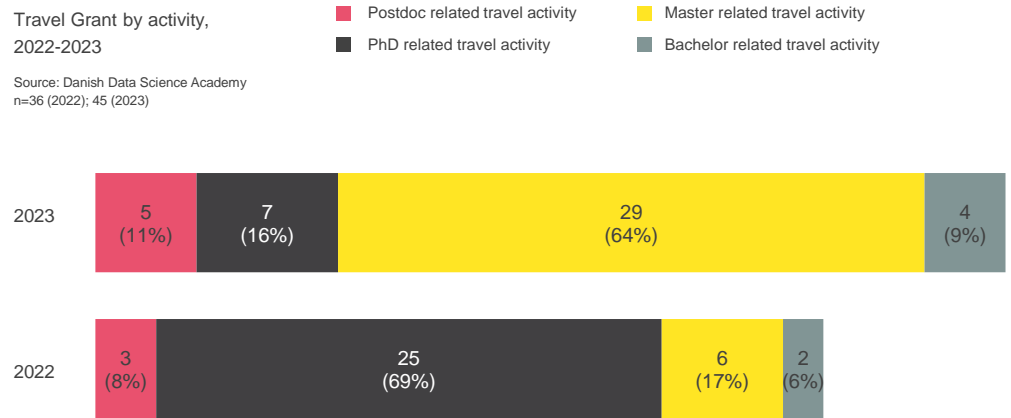
Source: Danish Data Science Academy
n=44 (2022); 60 (2023)



Note: Rejections were due to applications not fulfilling the eligibility criteria, applications for travel activities where data science component was lacking, not sufficiently described or clear enough to merit funding.

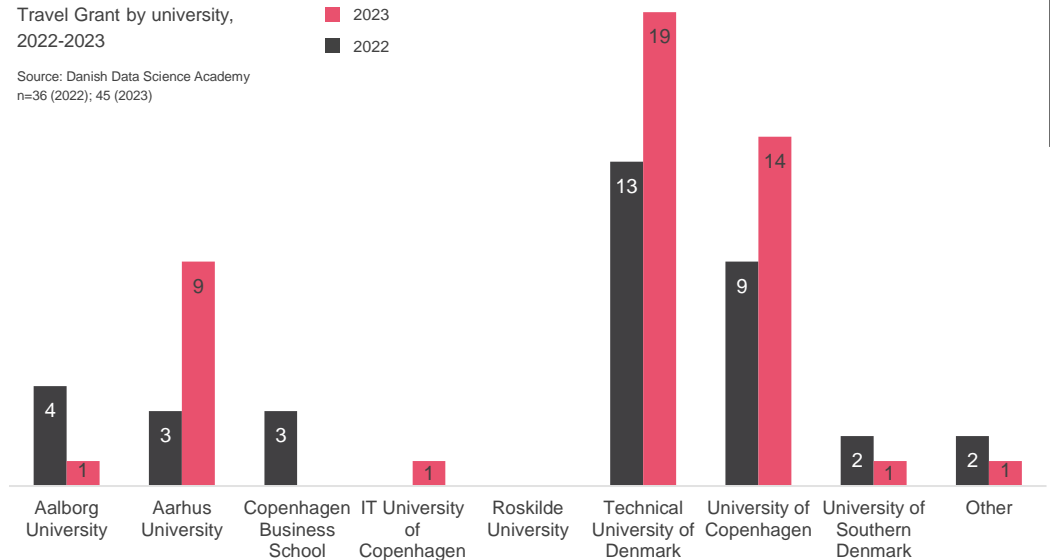
Travel Grant by activity, 2022-2023

Source: Danish Data Science Academy
n=36 (2022); 45 (2023)



Travel Grant by university, 2022-2023

Source: Danish Data Science Academy
n=36 (2022); 45 (2023)



DDSA Pre-Graduate Retreat, Rødding

In August 2023, DDSA hosted the second Pre-Graduate Retreat for bachelor's and master's students at Rødding Højskole in Southern Jutland. The purpose of this annual event is to create awareness of the opportunities and perspectives of pursuing a PhD after graduation.

'I got inspired to actually pursue a PhD, and I got ideas from a lot of interesting people.'

Participant at DDSA Pre-Graduate Retreat 2023

From seven universities across Denmark, 39 curious and engaged students participated in the retreat. The students spanned a wide range of study programmes such as Computer Science, Data Science, Human-Centered AI, Business Administration, Sociology, Mathematics, Statistics, and Physics. The retreat was visited by 12 speakers and panellists from Danish universities, public institutions, and private companies.

The Pre-Graduate Retreat offers a space where students can be inspired by data science researchers and professionals, benefit from the experiences of PhD students, and share their reflections and questions with other students as well as more senior data scientists in an

informal setting. The programme reflects this ambition in including a panel discussion with PhD students, introduction to the formalities of a PhD, talks and Q&As with cutting-edge data scientists about their research and career paths, and engaging group work. In addition, the 24-hours event offers plenty of time for informal talks between speakers and participants during breaks and social activities.

Evaluations demonstrate that the variety of formats and talks, the diversity of the speaker's background, and their willingness to engage in informal talks throughout the retreat were highly appreciated by the attendees.

The retreat was organised by the DDSA secretariat and an organising committee from the DDSA Young Academy Panel. The DDSA Pre-Graduate Retreats 2024, 2025, and 2026 will take place medio August at Rødding Højskole.

'I learned that a lot of us students from different backgrounds share the same interests and have similar knowledge, but with different specialties.'

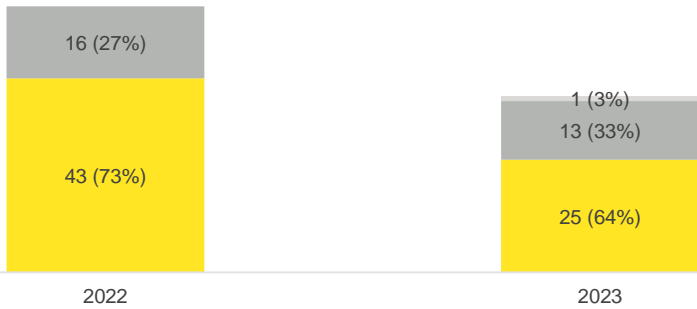
Participant at DDSA Pre-Graduate Retreat 2023



Pre-Graduate Retreat, participants by gender, 2022-2023

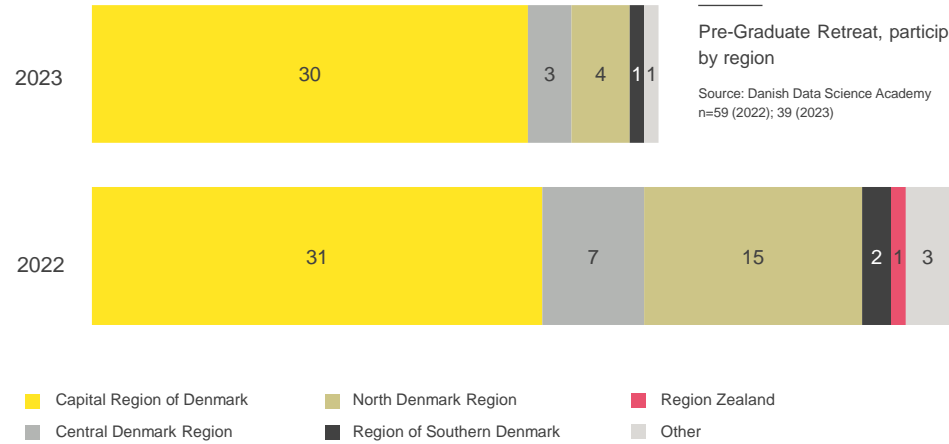
Source: Danish Data Science Academy
2022 n=59 (2022); 39 (2023)

- Male
- Female
- Prefer not to say

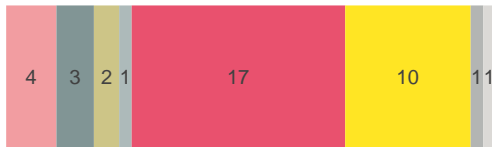


Pre-Graduate Retreat, participants by region

Source: Danish Data Science Academy
n=59 (2022); 39 (2023)



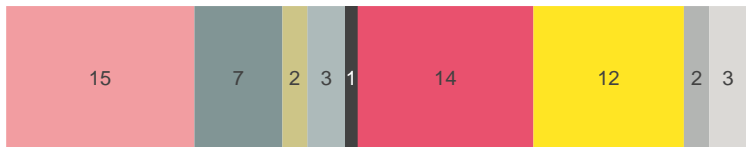
2023



Pre-Graduate Retreat, participants by university, 2022-2023

Source: Danish Data Science Academy
2022 n=59 (2022); 39 (2023)

2022



- Aalborg University
- University of Copenhagen
- Technical University of Denmark
- Copenhagen Business School
- Aarhus University
- University of Southern Denmark
- Roskilde University
- IT University of Copenhagen
- Other

2023



2022



Question: 'To what extent are you satisfied with the Pre-Graduate Retreat all in all?'

Pre-Graduate Retreat, participant evaluation, 2022-2023

Source: Danish Data Science Academy
n= 59 (2022); 35 (2023)

- To a very great extent
- To a large extent
- To some extent
- To a lesser extent
- To a very small extent



Synergies across DDSA funding instruments

As a part of the DDSA mission, one key objective is to build a national research capacity and enable scientific excellence by awarding PhD and Postdoc Fellowships. To support and encourage this, DDSA offers Visit Grants to students and early career researchers to explore new research environments within data science and form the basis for a future DDSA PhD or Postdoc Fellowship application. Furthermore, young data scientists have the possibility to participate in the DDSA Pre-Graduate Retreat or to be paired with a mentor in the DDSA Mentoring Programme.

The year 2023 was the first year where it was possible to evaluate whether the intended synergies across the DDSA funding instruments are working. Of the recipients of the Visit Grant, 23 pct. (3 out of 13) applied for a 2023 DDSA PhD or Postdoc Fellowship, while 17 pct. (10 out of 60) of the 2022 Pre-Graduate Retreat participants and 10 pct. (11 out of 103) of the DDSA Mentoring Programme participants have applied for a 2023 DDSA PhD or Postdoc Fellowship



of **Visit Grant** recipients applied for a 2023 DDSA PhD or Postdoc Fellowship

of 2022 **Pre-Graduate Retreat** participants applied for a 2023 DDSA PhD Fellowship

of **Mentoring Programme** participants applied for a 2023 DDSA PhD or Postdoc Fellowship





Community Building



An important goal of DDSA is to strengthen and consolidate the Danish data science community that is currently fragmented across geography, disciplines, and institutions. This will be achieved through a portfolio of recurring and ad-hoc events.



© Photos by Mikael Schlosser

June 27

Celebrating Danish Data Science, Ålborg

Celebrating Danish Data Science was a festive and inspiring summer afternoon event dedicated to celebrating the growth of data science in Denmark. The event took place on June 27 at Utzon Center in Ålborg and gathered more than 100 attendees from the Danish data science community ranging from students to professors, from practitioners to leadership and across all sectors including academia, business, NGOs, public, and cultural organisations.

As a part of the programme, the 16 new DDSA PhD and Postdoc fellows were revealed on stage along with a video produced for the occasion. [The video](#) presented the PhD fellows' research projects within the data science field, spanning from sleep analysis over AI in healthcare, health prediction models, and prognostic tools, to image segmentation and image rendering. [The video](#) also highlighted the Postdocs fellow's research projects including among others, developing a Natural Language Processing model to support faithful reporting on scientific findings, turning flavour chemistry into gastronomy through advanced data analysis, and

quantifying the change in winters across the Arctic.

Three keynote speakers shared inspiring perspectives on data science from different disciplines and seniority level. Samantha Dawn Breslin, Assistant Professor, Department of Anthropology and Copenhagen Center for Social Data Science, University of Copenhagen, on the power and responsibility of data scientists, Thomas Moeslund, Professor, Aalborg University, on beyond model fascination, and 2022 DDSA PhD Fellow Ida Burchardt Egendal from Aalborg University on mutational signatures using neural networks for robust stratification of cancer patients.

The data and graphs below compare the participants at Celebrating Danish Data Science 2023 and the Grand Opening 2022, since they are a part of a series of annual summer events connecting and celebrating Danish data science and the new DDSA Fellows. The events are similar though not totally comparable, since the Grand Opening was a larger event with a broader scope.



- Male
- Female
- Prefer not to say

Celebrating Danish Data Science (2023) and Grand Opening (2022), participants by gender

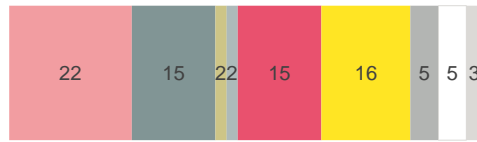
Source: Danish Data Science Academy
n=310 (2022); 102 (2023)



Grand Opening, 2022

Celebrating Danish Data Science, 2023

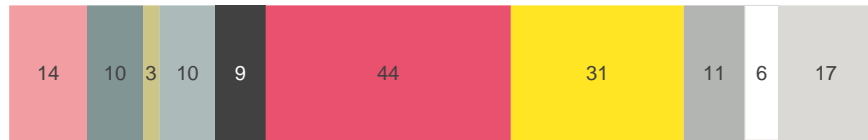
2023



Grand Opening (2022) and Celebrating Danish Data Science (2023), participants by university

Source: Danish Data Science Academy
n=155 (2022); 85 (2023)

2022



- Aalborg University
- Copenhagen Business School
- Roskilde University
- University of Copenhagen
- Aarhus University
- IT University of Copenhagen
- Technical University of Denmark
- University of Southern Denmark
- Other / No answer
- Foreign Universities

- Academia
- Private sector
- Public sector
- Hospital
- Foundations

Celebrating Danish Data Science (2023) and Grand Opening (2022), participants by sector

Note: The categories for responses varied slightly between the two events.

Source: Danish Data Science Academy
n=310 (2022); 102 (2023)

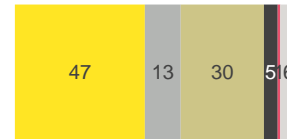
2023



2022



2023



2022



Celebrating Danish Data Science (2023) and Grand Opening (2022), participants by region

Source: Danish Data Science Academy
n=310 (2022); 102 (2023)

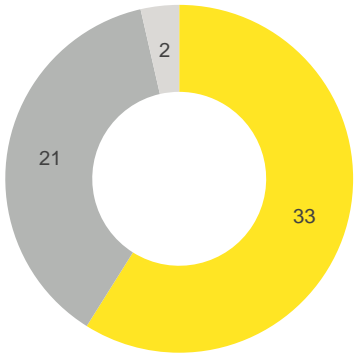
- Capital Region of Denmark
- Central Denmark Region
- North Denmark Region
- Region of Southern Denmark
- Region Zealand
- Other



National Data Science PhD Meetup, Ålborg

The National Data Science PhD Meetup was a one-day event focused on strengthening the community of data scientists in Denmark. All PhD students within Danish data science were invited to participate to form new relationships, be engaged by inspiring scientific talks and group discussions, and grow the future of the Danish data science PhD community. The meetup gathered 56 PhD students from different data science fields and across Denmark for a day full of exploration of data science beyond its traditional boundaries, personal growth, and peer discussions. The meetup took place at the Utzon Center in Ålborg right before kicking in with the ‘Celebrating Danish Data Science’ event.

The PhD meetup had a strong focus on building relationships, learning from peers, and developing a solid network. It also highlighted the experiences and learnings from two keynote speakers: Anna Rogers, Assistant Professor at IT University of Copenhagen, who kicked off the event with an inspiring presentation on being a PhD and the future of data science, and Rolf Hvidtfeldt, Assistant Professor at Aalborg University, on the value of interdisciplinarity and collaboration. The Meetup was developed as the first in a series of events. Therefore, participants were also invited to an open space session to shape and provide ideas for future meetups.



PhD Meetup, Ålborg 2023, participants by gender

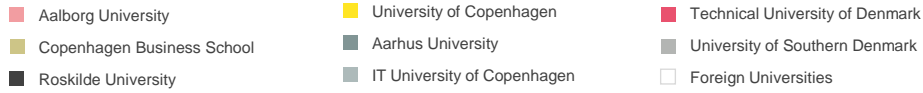
Source: Danish Data Science Academy n=56

- Male
- Female
- Prefer not to say



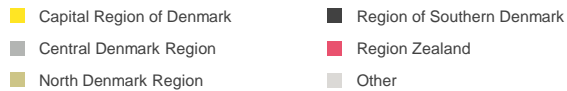
PhD Meetup, Ålborg, 2023,
participants by university

Source: Danish Data Science Academy
n=56

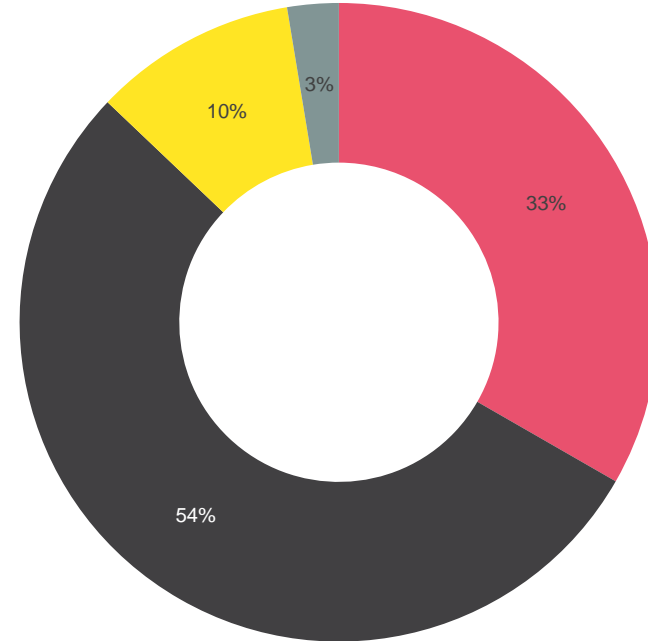


PhD Meetup, Ålborg 2023,
participants by region

Source: Danish Data Science Academy
n=56



Question: 'To what extent are you
satisfied with the PhD Meetup all in all?'



PhD Meetup, Ålborg, 2023,
participant evaluation

Source: Danish Data Science Academy
n=39



Danish National Championship in AI

The Danish National Championship in AI, is a week-long hackathon, bringing together bachelor's and master's students from all Danish universities. This event was a collaborative effort between Ambolt AI, Pioneer Centre for Artificial Intelligence, and DDSA, who acted as co-organisers and sponsors. A jury, comprising seasoned data scientists from Ambolt AI, Pioneer Centre for Artificial Intelligence, and DDSA, was responsible for devising hackathon challenges and evaluating the submissions.

The participants faced three distinct challenges:

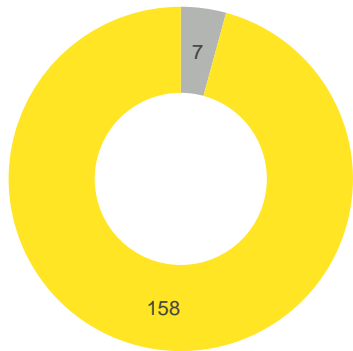
- **Reinforcement Learning Task:** Students were required to successfully land a lunar lander on an uneven terrain using reinforcement learning techniques
- **Text Classification Task:** This challenge involved distinguishing between texts written by a Large Language Model (LLM) and those authored by humans
- **Medical Image Segmentation:** The final challenge was to accurately segment a tumour in medical images



© Photo by Rico Feldfoss

Each challenge had its own scoring system, and the group with the highest aggregate score was declared the winner. The winners and runners-up announcement will be at the D3A Conference in February 2024.

The three partners entered the collaboration to engage university students in practical challenges and inspire them to continue their studies within data science and AI. Next year's Championship will continue the efforts to see a greater gender balance and strive to build cross-university and cross-disciplinary teams.



Danish National Championship in AI, participants by gender, 2023

Source: Danish Data Science Academy
n=165

- Male
- Female



Danish National Championship in AI, participants by university, 2023

Source: Danish Data Science Academy
n=165

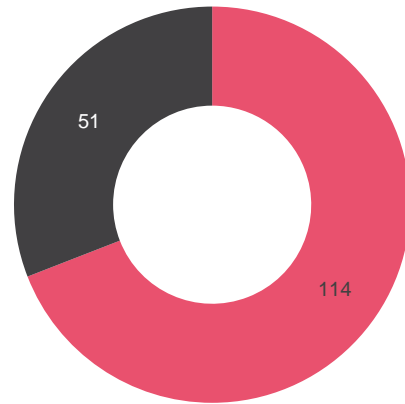


- Aalborg University
- Copenhagen Business School
- Roskilde University
- University of Copenhagen
- Aarhus University
- IT University of Copenhagen
- Technical University of Denmark
- University of Southern Denmark

Danish National Championship in AI, participants by team or individual participation, 2023

Source: Danish Data Science Academy
n=165

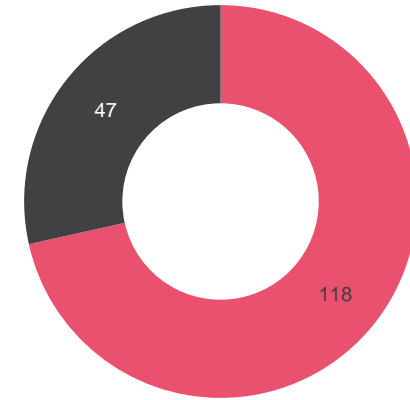
- Participated individually
- Participated in a team



National Championship in AI, participants by student status, 2023

Source: Danish Data Science Academy
n=165

- Bachelor of Science
- Master of Science



Danish National Championship in AI, participants by region, 2023

Source: Danish Data Science Academy
n=165



- Capital Region of Denmark
- Region of Southern Denmark
- Central Denmark Region
- Region Zealand
- North Denmark Region
- Other



February 1-2, 2024

Danish Digitalization, Data Science, and AI 1.0, Nyborg

The planning of the 2023 Annual Conference already began in 2022 with the strategic decision to join forces together with Digital Research Centre Denmark and the Pioneer Centre for AI. The three organisations have developed a common framework for an annual conference named 'Danish Digitalization, Data Science, and AI', 'D3A' in short. The first edition - D3A 1.0 - took place on February 1-2, 2024, at Hotel Nyborg Strand. Due to difficulty in finding a suitable venue, the 2023 conference ended up taking place in February 2024. A second conference is also planned for October 2024.

D3A aims to establish itself as an annual conference, creating space for knowledge sharing across sub-fields and sectors within Danish research and development, thereby creating an essential framework towards establishing Denmark as a strong international player in AI, deep digital tech, and data science.

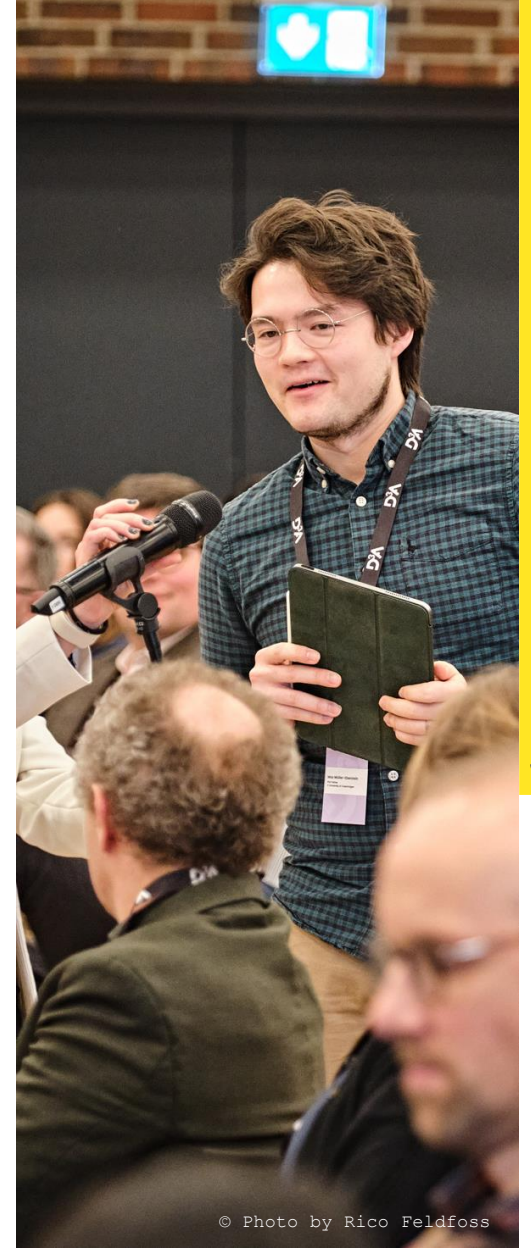
The two-day conference featured a broad range of parallel sessions in the fields of Machine Learning, Environmental Data Science, Natural Language Processing, Fairness and Explainability for Machine Learning, and much

more. The event hosted 500 participants and included 32 parallel sessions, more than 100 speakers, 60 poster presentations, and 3 keynote talks delivered by:

- Mor Naaman, Professor of Information Science at Cornell Tech
- Marta Kwiatkowska, Professor of Computing Systems and Fellow of Trinity College, University of Oxford
- Barbara Plank, Professor (Chair) for AI and Computational Linguistics at LMU Munich, Co-director of the Center for Information and Language Processing (CIS), Head of the Munich AI and Natural Language Processing (MaiNLP) research lab. She is also professor (part-time) at IT University of Copenhagen, NLP North lab

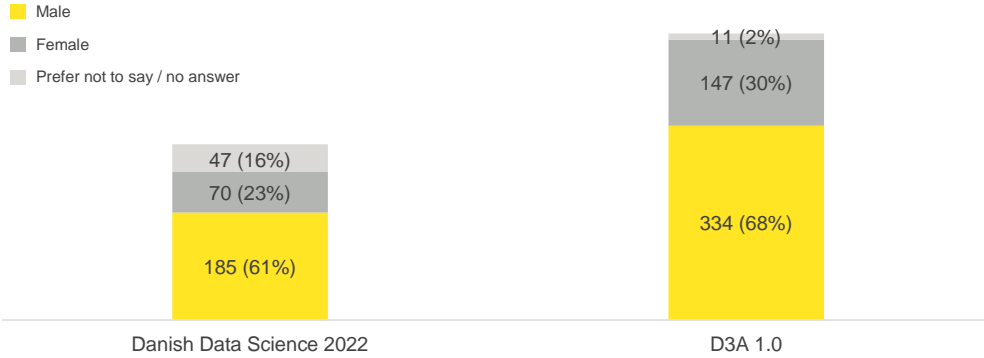
One key focus of D3A was to intentionally build and nurture an inclusive atmosphere and to give space for the community to meet, mingle and grow bigger. With that in mind, the programme included many breaks as well as dedicated time to have fun, discuss, and meet new people. One of the highlights of day 1 was the social activities session, where participants could join topic-related group discussions, play a round of robot miniature golf or relax over a boardgame or a puzzle.

Overall, the first edition of the D3A conference was an enormous success. The parallel sessions showcased scientific excellence, diverse topics, and contagious enthusiasm. Participants actively engaged and made valuable contributions, fostering an open, inclusive, and welcoming atmosphere. As we embark on planning D3A 2.0, scheduled for October 22-23, 2024, we will carry forward the positive lessons learned and sustain the enriching conversations that have woven the D3A family and the data science community together.



D3A 1.0 (2023) and Danish Data Science (2022), participants by gender

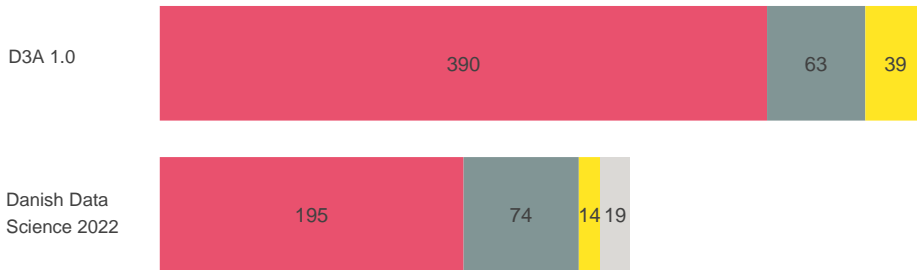
Source: Danish Data Science Academy
n=302 (2022); 492 (2023)



Note: The organisers from Danish Data Science Academy, Pioneer Centre for AI, and Digital Research Denmark is not included in the graphs.

D3A 1.0 (2023) and Danish Data Science (2022), participants by sector

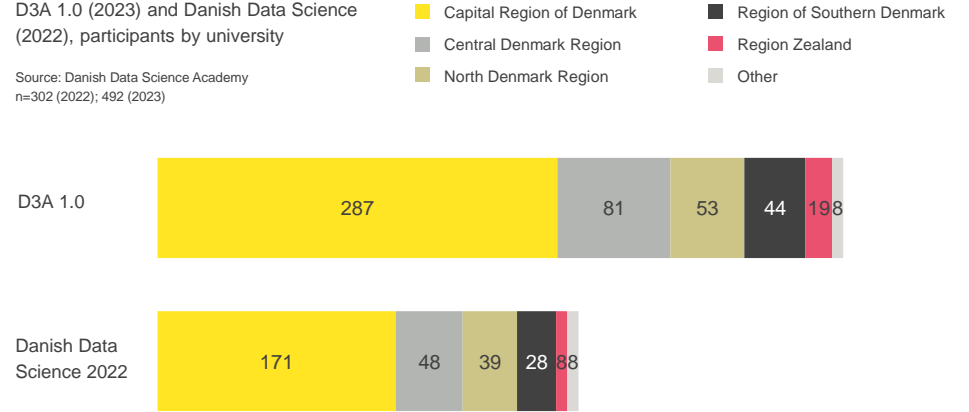
Source: Danish Data Science Academy
n=302 (2022); 492 (2023)



Note: The organisers from Danish Data Science Academy, Pioneer Centre for AI, and Digital Research Denmark is not included in the graphs.

D3A 1.0 (2023) and Danish Data Science (2022), participants by university

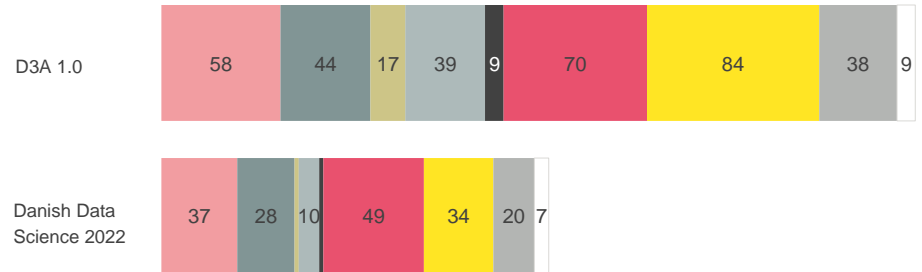
Source: Danish Data Science Academy
n=302 (2022); 492 (2023)



Note: The organisers from Danish Data Science Academy, Pioneer Centre for AI, and Digital Research Denmark is not included in the graphs.

D3A 1.0 (2023) and Danish Data Science (2022), participants by university

Source: Danish Data Science Academy
n=302 (2022); 492 (2023)



Note: n at the graph 'Participants by university' do not equal the n at the 'Academia' in the 'Participants by sector' graph, because some people identified themselves as 'academia' in the questionnaire but did not have their primary affiliation at a university. The organisers from Danish Data Science Academy, Pioneer Centre for AI, and Digital Research Denmark is not included in the graphs.





Training and Education



DDSA aims to support a national collaborative network of data science experts across universities, public institutions, and industries, and to inspire and train the next generation of data scientists through educational, interdisciplinary, and collaborative activities. A great idea for a data science event or course can pave the way for a DDSA Course or Event Grant.

DDSA Funding of Courses and Events

In 2023, DDSA has provided substantial funding support for a wide range of courses and events relevant to data science students, researchers, and professionals. In total, 30 courses and events engaging more than 3,500 participants received DDSA funding amounting to a total of DKK 1.6 million. In total DDSA has now supported more than 60 activities engaging more than 7,000 participants.

The funding programme is central to DDSA's mission of supporting networking and community building activities throughout the country across sectors, seniority, and specialization; and inspiring and training the next generation of data scientists.

DDSA course- and event funding is divided between large and small grants:

Small Grants target courses and events with a total budget of maximum DKK 100,000 of which the grant can cover up to DKK 50,000. Applications can be submitted throughout the year and are assessed by the DDSA Secretariat under the supervision of the DDSA Education & Networking Committee.

In 2023, DDSA awarded 18 Small Grants for Courses and Events: From breakfast and lunch meeting series over hackathons to workshops and symposia and spanning a diverse range of topics such as robotics, Large Language Models, generative AI, visual analysis, genomics, and data science to combat global warming. Six applications were declined as they fell outside the funding scope.

Large Grants can cover up to DKK 100,000, with no upper limits to the total budget. There are two annual calls for Large Grant applications with deadlines on February 15, and September 15. Applications are assessed and prioritised by the DDSA Education & Networking Committee, and their recommendation is sent to the DDSA Board of Directors for approval.

DDSA awarded 12 Large Grants in 2023, supporting courses in functional data analysis and machine learning in the humanities and social sciences, as well as national and international conferences and workshops in e.g., business, and industrial statistics, functional data analysis for complex data, visual computing, causal inference, and personalized medicine. Seven applications were declined due to either prioritisation or being out of funding scope. An overview of

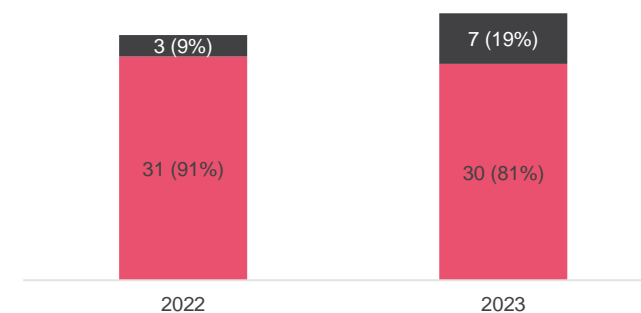
course and event grant receivers is available in the Appendix.

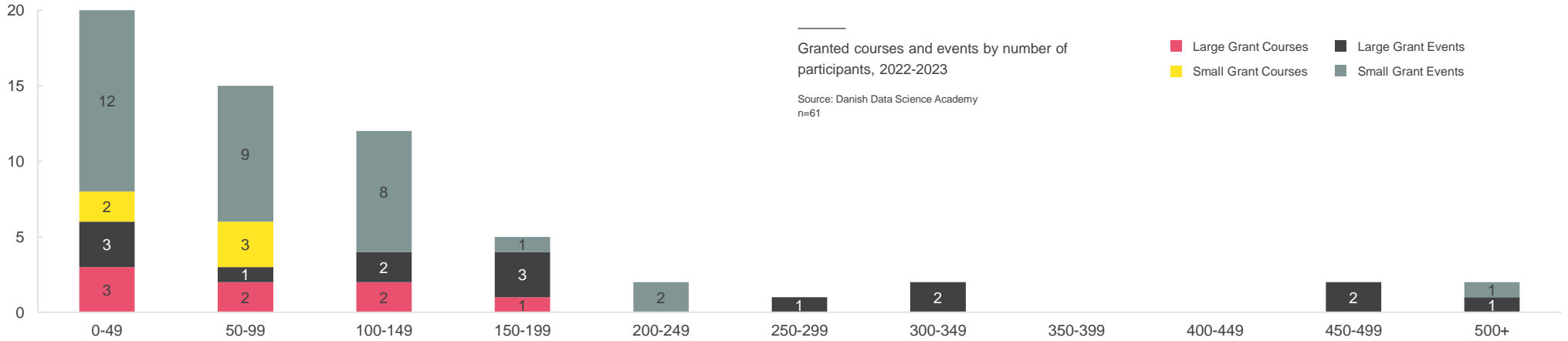
The DDSA Education & Networking Committee and the DDSA Secretariat continuously focus on securing that application and assessment processes are transparent and fair, the evaluation criteria clear, and that the course and event funding programme is aligned with the DDSA mission and objectives. In 2023, it was added to the eligibility criteria that events and courses must promote inclusivity. The DDSA Education & Networking Committee also decided that an applicant can only receive one large and one small DDSA grant per year. When monitoring the grant programme, DDSA pays particular attention to how DDSA-funded activities contribute to community building across sectors, regions, scientific fields, and institutions.

Small and Large Course and Event Grants, acceptance rate, 2022-2023

Source: Danish Data Science Academy
n=33 (2022); 37 (2023)

■ Granted
■ Rejected

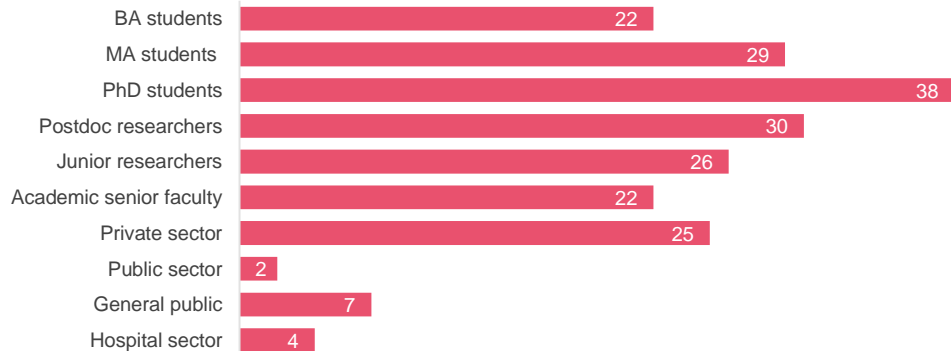




Primary target groups for granted courses and events, 2022-2023

Source: Danish Data Science Academy
n=45

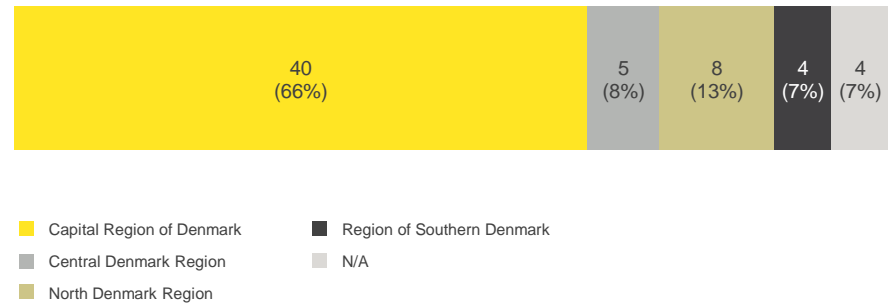
Note: The 61 grant receivers could indicate more than one target group. Hereof, 16 grant receivers did not indicate any target group.



Place of granted courses and events by region, 2022-2023

Source: Danish Data Science Academy
n=45

Note: One of the events in Capital Region of Denmark was at Bornholm.



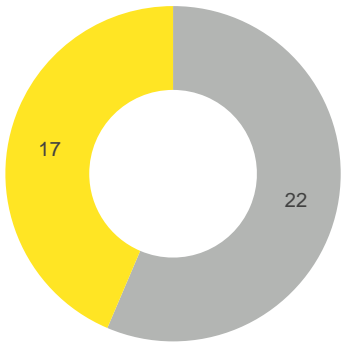
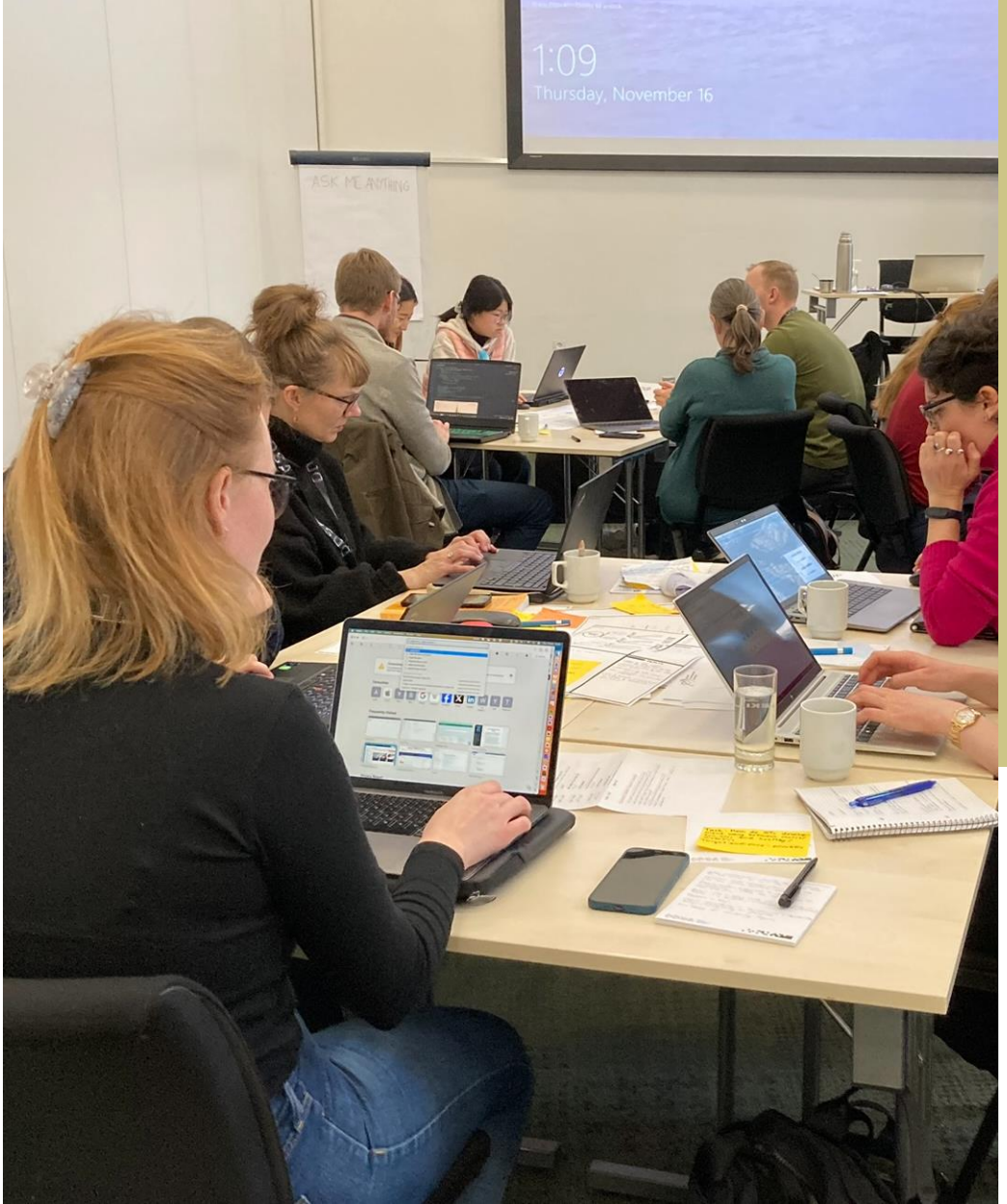
Data Visualisation Workshop, Middelfart

The Cross-Academy Collaboration Committee from the DDSA Education & Networking Committee identified data visualisation as a core skill intersecting with the data science, diabetes and endocrine, and cardiovascular communities. As a result, and in collaboration with the Danish Diabetes and Endocrine Academy and the Danish Cardiovascular Academy, the Data Visualisation Workshop took place on November 15-16, 2023, at Milling Hotel Park in Middelfart.

No less than 90 participants applied to participate in the Data Visualisation Workshop,

of which 40 got a seat. The workshop was led by Hans-Jörg Schulz, Associate Professor at Aarhus University, and expert in the field.

The Data Visualisation Workshop was designed for early career researchers who wished to enhance their ability to communicate research findings effectively through visualisations. This two-day intensive course provided a comprehensive understanding of theoretical concepts and practical techniques to transform complex data into insightful visual representations.



Data Visualisation Workshop, participants by gender, 2023

Source: Danish Data Science Academy
n=39

- Male
- Female





Data Visualisation Workshop, participants by position, 2023

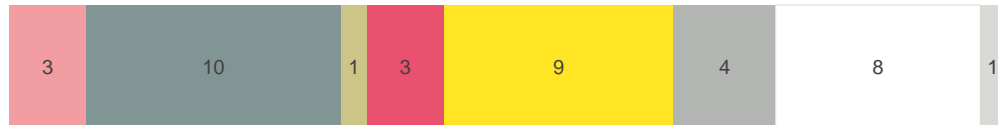
Source: Danish Data Science Academy
n=39



- Master student
- PhD student
- Postdoc
- Research Assistant
- Other

Data Visualisation Workshop, participants by affiliation, 2023

Source: Danish Data Science Academy
n=39

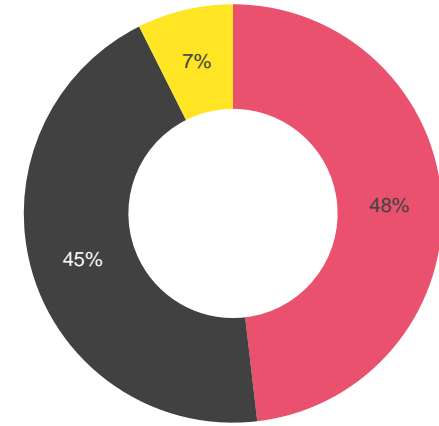


- Aalborg University
- University of Copenhagen
- Other / No answer
- Copenhagen Business School
- Aarhus University
- Hospital
- University of Southern Denmark
- Technical University of Denmark

Data Visualisation Workshop, participant evaluation, 2023

Source: Danish Data Science Academy
n=27

Question: 'To what extent are you satisfied with the Data Visualisation Workshop all in all?'



- To a very great extent
- To a large extent
- To some extent
- To a lesser extent
- To a very small extent

Data Visualisation Workshop, participants by region, 2023

Source: Danish Data Science Academy
n=39



- Capital Region of Denmark
- Region of Southern Denmark
- Central Denmark Region
- North Denmark Region



Community Resources

DDSA aims to enhance knowledge sharing on a national scale, and will continuously develop new services to the community, e.g., via national aggregation of knowledge about the Danish data science landscape and to support personal growth and professional development for talented young data scientists. This has resulted in a number of initiatives, which will be expanded and supplemented in the years to come.

Mentoring Programme

Bridging experience and talent within Danish data science is at the core of the DDSA Mentoring Programme. The Mentoring Programme pairs people with professional experience with aspiring data scientists and is currently running in its third edition. The first edition, the Pilot Programme, launched in September 2022 and ran until February 2023 with 30 pairs. The second edition 'Spring 2023' ran from March to August 2023 with 55 pairs. The third and current edition 'Autumn 2023' has 53 pairs and will run for a whole academic year, from October 2023 to July 2024.

All the mentors and mentees will have a chance to meet twice during each year-long programme at the 'Mentoring Programme Meetups'. These one-day events offer a chance to network and exchange knowledge. The agendas are co-created by the participants and facilitated by the DDSA Secretariat. The meetups change location each time and have already been hosted at University of Southern Denmark in Odense and Technical University of Denmark in Lyngby.

During the spring of 2023, the DDSA Secretariat developed a ['Meet Our Mentors'](#) website providing an overview of current and past mentors in the Danish Data Science Academy Mentoring Programme.

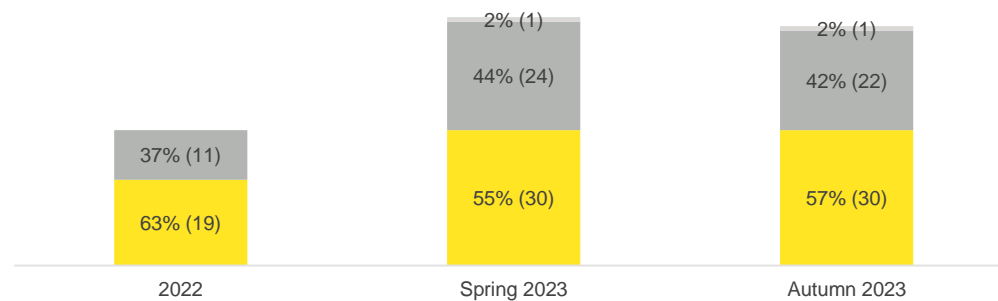




Mentoring Programme, mentees by gender, 2022-2023

Source: Danish Data Science Academy
n=30 (2022); 55 (Spring 2023); 53 (Autumn 2023)

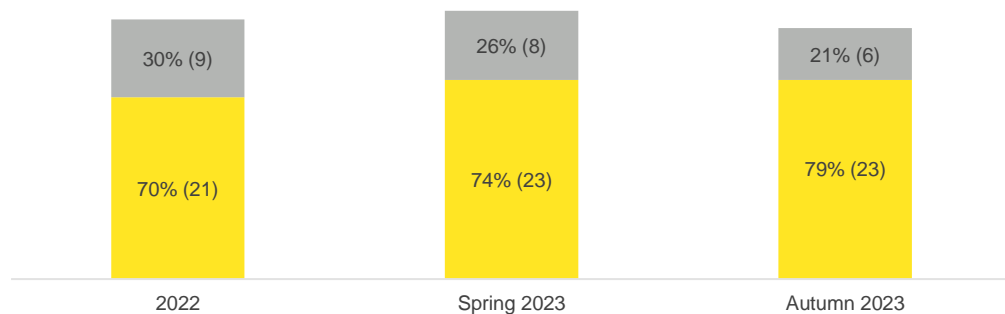
- Male
- Female
- Prefer not to say



Mentoring Programme, mentors by gender, 2022-2023

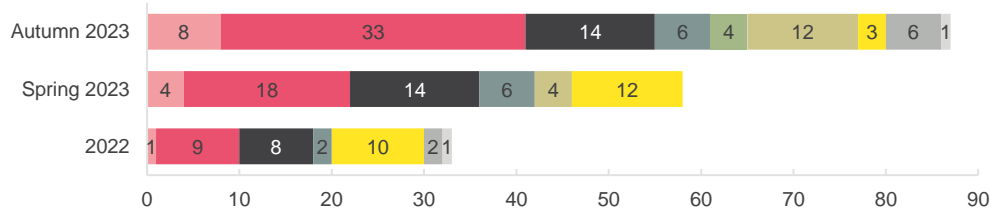
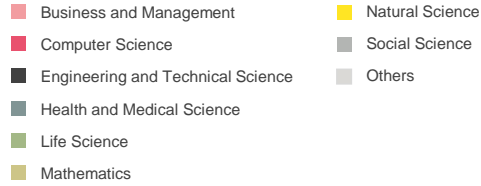
Source: Danish Data Science Academy
n=30 (2022); 31 (Spring 2023); 29 (Autumn 2023)

- Male
- Female
- Prefer not to say



Mentoring Programme, mentees by field of study, 2022-2023

Source: Danish Data Science Academy
n=33 (2022); 58 (Spring 2023), 87 (Autumn 2023)

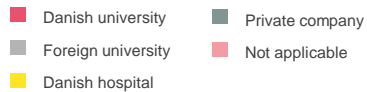
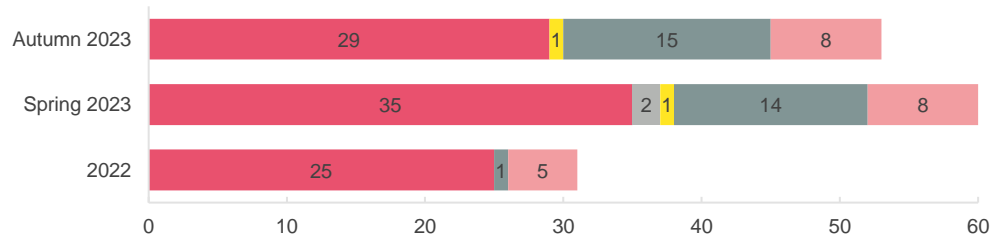


Note: In the 2022 and Spring 2023 programme the mentees could indicate their field of study themselves, while in Autumn 2023 they could choose from a drop-down menu. The 2022 and Spring 2023 data have been adapted into the Autumn 2023 premade categories afterwards. Some participants have indicated more than one field of study.

Mentoring Programme, mentees by affiliation, 2022-2023

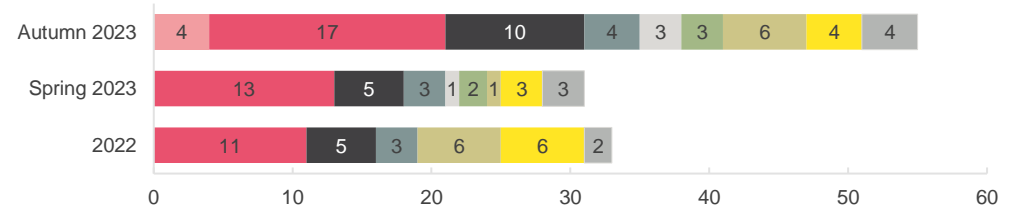
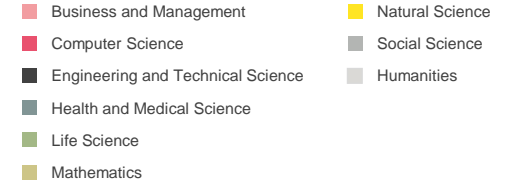
Note: Some participants have indicated more than one affiliation

Source: Danish Data Science Academy
n=31 (2022); 60 (Spring 2023); 53 (Autumn 2023)



Mentoring Programme, mentors by field of study, 2022-2023

Source: Danish Data Science Academy
n=33 (2022); 31 (Spring 2023); 55 (Autumn 2023)

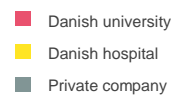
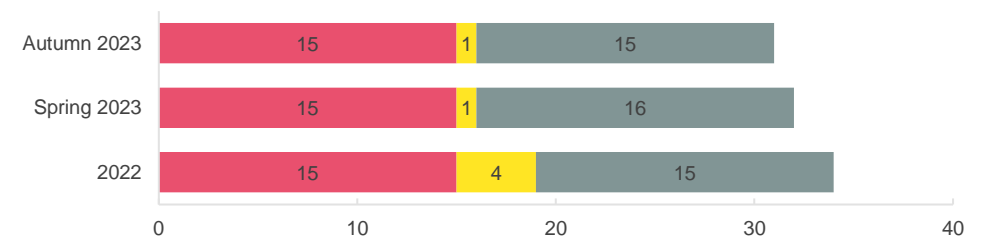


Note: In the 2022 and Spring 2023 programme the mentees could indicate their field of study themselves, while in Autumn 2023 they could choose from a drop-down menu. The 2022 and Spring 2023 data have been adapted into the Autumn 2023 premade categories afterwards. Some participants have indicated more than one field of study.

Mentoring Programme, mentors by affiliation, 2022-2023

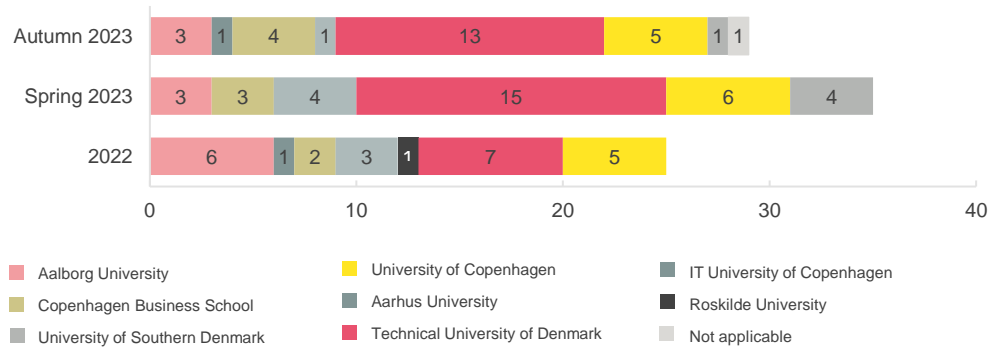
Note: Some participants have indicated more than one affiliation.

Source: Danish Data Science Academy
n=34 (2022); 32 (Spring 2023); 31 (Autumn 2023)



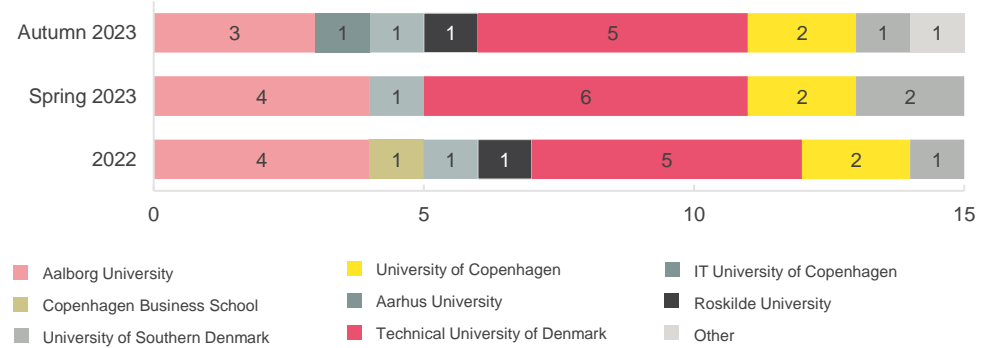
Mentoring Programme, mentees by affiliation if Danish university, 2022-2023

Source: Danish Data Science Academy
n=25 (2022); 35 (Spring 2023); 29 (Autumn 2023)



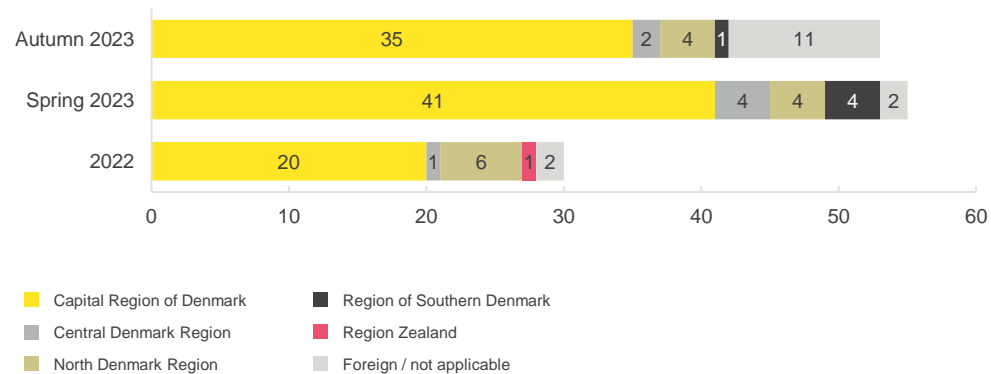
Mentoring Programme, mentors by affiliation if Danish university, 2022-2023

Source: Danish Data Science Academy
n=15 (2022); 15 (Spring 2023); 15 (Autumn 2023)



Mentoring Programme, mentees by region, 2022-2023

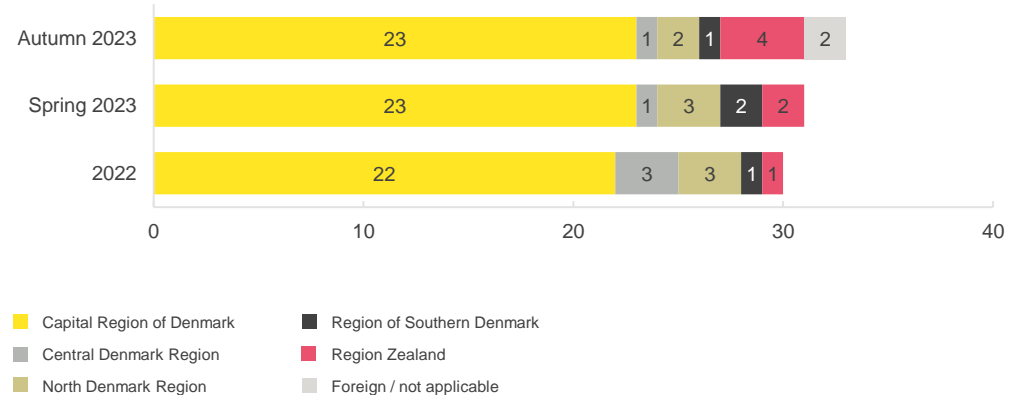
Source: Danish Data Science Academy
n=30 (2022); 55 (Spring 2023); 53 (Autumn 2023)



Mentoring Programme, mentors by region, 2022-2023

Source: Danish Data Science Academy
n=30 (2022); 31 (Spring 2023); 33 (Autumn 2023)

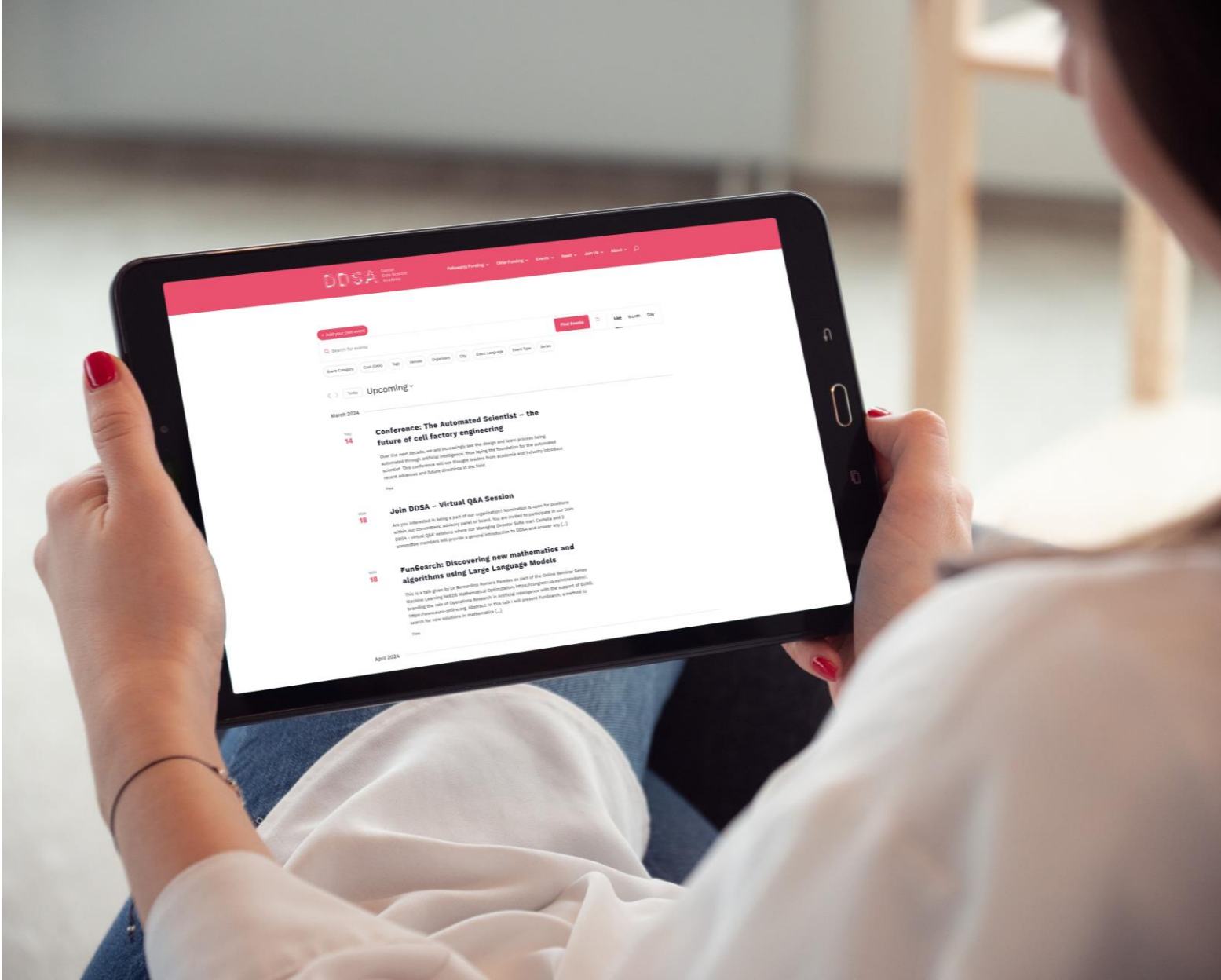
Note: Some participants indicated more than one region.



Danish Data Science Calendar

DDSA has developed a community-driven calendar at ddsa.dk, designed to be the go-to calendar for all things related to Danish data science, including inspiring events, courses, deadlines, networking activities, and more. This calendar is a dynamic and evolving tool, enriched by the contributions of the wider data science community. DDSA encourages everyone interested in data science to actively participate by submitting their own events and activities, helping to build a collaborative and comprehensive resource that mirrors the diverse interests and expertise within the field.

Since the launch of the calendar, the platform has seen more than 80 users per month, reflecting a growing interest and engagement within the community. The calendar has featured close to 100 events throughout 2023, with the majority being submitted directly by the community. This level of participation underscores the calendar's success as a collaborative space where individuals actively share and discover a wide array of data science-related activities. DDSA remains committed to fostering an environment where every voice can contribute to the evolving world of data science.



'Ask Me Anything' Webinar Series

Initiated by the DDSA Young Academy Panel, the brand new webinar series 'Ask Me Anything' was launched by DDSA in November 2023. The webinar series dives into candid conversations about data science careers. At each webinar, an invited guest engages in a conversation about their career in diverse fields, giving the audience unfiltered insights into the many facets of data science.

The webinar is facilitated by members of the DDSA Young Academy Panel and can be live accessed via the ['Ask Me Anything' webinar page at ddsa.dk](#), where the audience also can be updated on speakers and dates. Approximately 15 attendees participated in each of the first three series sessions.

The first three webinars featured:

- Emilie Lundbye Dalsgaard, Principal Data Scientist at Amsterdam Data Collective. Emilie has specialised in building end-to-end data science solutions. Her job ranges from coding to architecture to project management, revolving around using data to solve real life problems.
- Benjamin Biering, PhD and AI and machine learning expert at Podimo. Benjamin pioneered innovative data products at eBay, enhancing user experiences. In the startup world, he excelled in building top-tier data science teams and driving personalisation initiatives using cutting-edge technologies like recommender systems, natural language processing, and reinforcement learning.
- Laura Alessandretti, PhD in Mathematics and Assistant Professor in Modelling of Human Dynamics at the Technical University of Denmark. Laura's work combines big data analysis with mathematical models to understand human actions.

Data. Science. Stories.

'Ask Me Anything'

Data Science Webinar series



Meet

Emilie Dalsgaard

Principal Data Scientist
Amsterdam Data Collective

📅	November 15
🕒	17:15 - 18:00
📍	Online
🌐	www.ddsa.dk/askmeanythingwebinarseries





Visibility and Branding

The primary priorities in the communication effort in 2023 have been to further strengthen the social media presence, develop ddsa.dk and DDSAnews, and to support all the DDSA grants, events, and activities, including the DDSA nomination campaign.

Visual Identity

Throughout 2023, the DDSA visual identity has been unfolded to strengthen the DDSA brand and used on various occasions, and materials, such as ddsa.dk, DDSA newsletter, merchandise, and flyers.

ddsa.dk

The DDSA website, ddsa.dk, was established in the summer of 2021 with very limited information. In the wake of the establishment of the DDSA visual identity in 2022, ddsa.dk underwent a harmonisation process to align with the new visual identity.

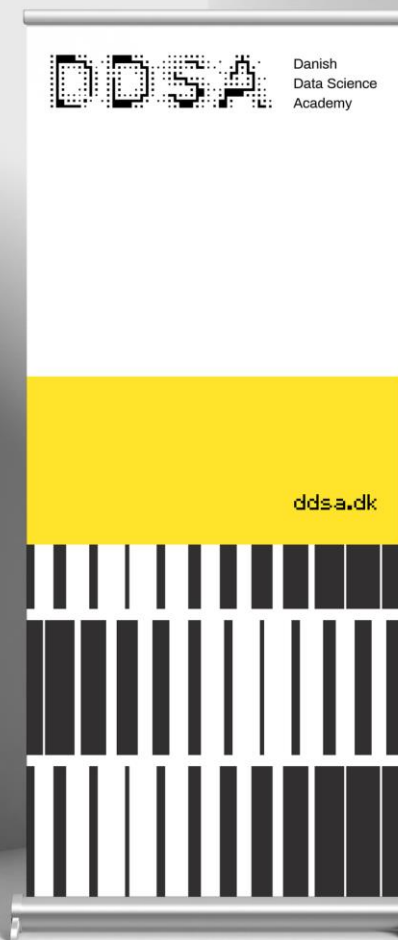
Throughout 2023, the website has been continuously expanded with additional information to provide comprehensive and relevant content for the audience. Furthermore, the front page underwent a redesign, prioritising the showcasing of 'hidden stories' to facilitate easier exploration of DDSA activities, events, and open calls to the audience.

Among the expansions is a new 'Meet Our Researchers' section, featuring presentations

of all the DDSA PhD and Postdoc Fellows along with videos detailing their research projects. The 'Ask Me Anything' Webinar Series, initiated by the DDSA Young Academy Panel, has also been incorporated into the website, providing information about the guest speakers and link to the webinars.

Another new feature is the temporary 'Join Us' section, which has been introduced to the website, spotlighting the nomination campaign for the DDSA organisation for the years 2024-2026. This section emphasises the various opportunities in becoming a part of the DDSA Board, panel, and committees, and the process to be nominated.

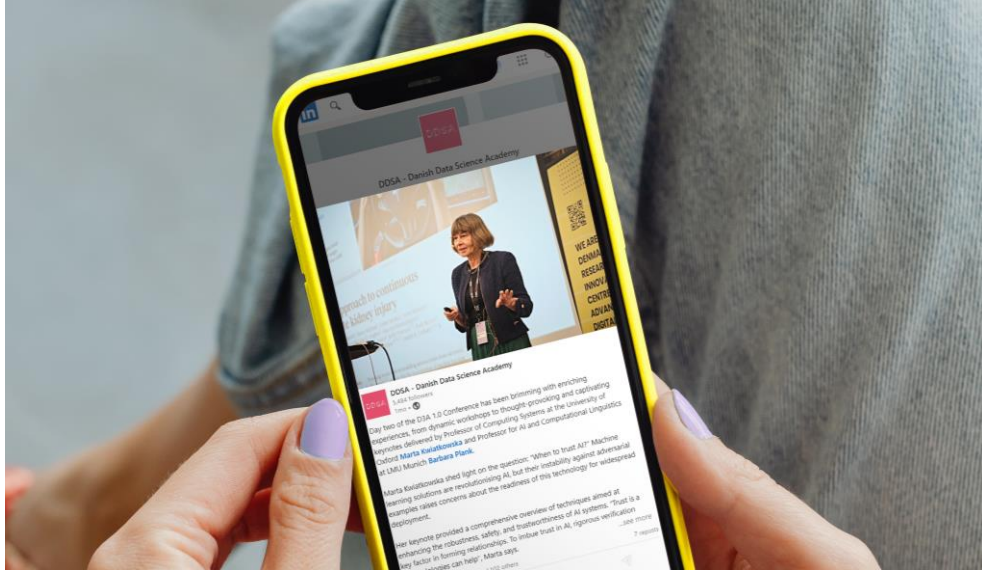
The Danish Data Science Calendar was launched at ddsa.dk on the eve of 2023, inviting the community to share their data science events with the aim of becoming the go-to calendar for the Danish data science community. Throughout 2023, the calendar has displayed a diverse array of activities and events within Danish data science.



Social Media

In 2023, a key focus of the DDSA communication effort has been to enhance the presence on social media when communicating about activities, funding, etc. In recent years, social media has changed the way especially students and early-career professionals communicate. The use of digital platforms such as LinkedIn and X have enabled easy and rapid dissemination of data science news and activities to reach a much wider audience across sectors and to the public.

LinkedIn and X serve as the primary communication channels for DDSA, alongside ddsa.dk and DDSAnews. On both SoMe platforms, DDSA provides on average two weekly updates. The updates include, but are not limited to, open calls for funding opportunities, activities, events, deadlines, DDSAnews, cooperation with other organisations, event updates, recruitment, video-stories, storytelling 'What is Data Science?', nomination campaign, and more. The hashtag #GrowingDanishDataScience is consistently used in the posts.

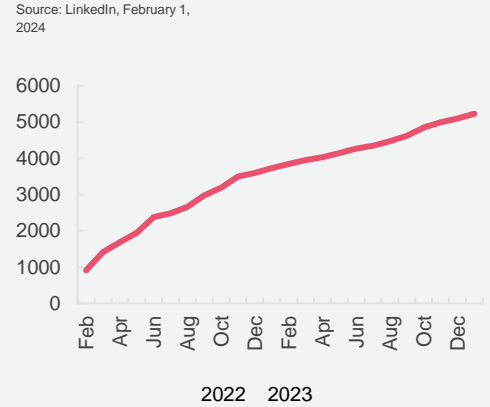


DDSA has had a LinkedIn profile since November 2021 counting 5,400+ followers, which is 42 pct. more than in end 2022. In 2023, DDSA has published 89 posts on LinkedIn, generating more than 300,000 impressions, 17,000 clicks, 13,000 video views, and 2,700 likes. The average engagement rate for DDSA posts on LinkedIn is 7,8 pct. In general, an engagement rate of more than 2 pct. per post is considered good. Only three out of the 89 posts had an engagement rate below 2 pct.

In the period available in LinkedIn statistics from January 31, 2023, to January 30, 2024. The 300,000 impressions include 40,000 sponsored impressions in the YAP Nomination campaign.

DDSA LinkedIn followers, 2022-2023

Note: LinkedIn followers in the period of February 6, 2022, to January 30, 2024. Source: LinkedIn, February 1, 2024

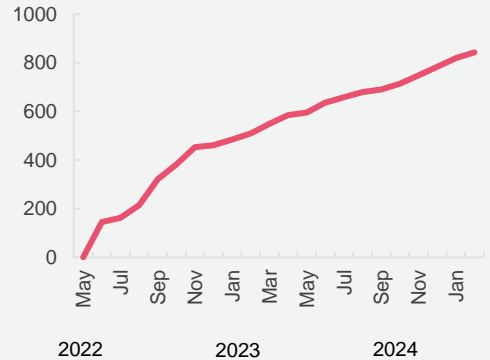


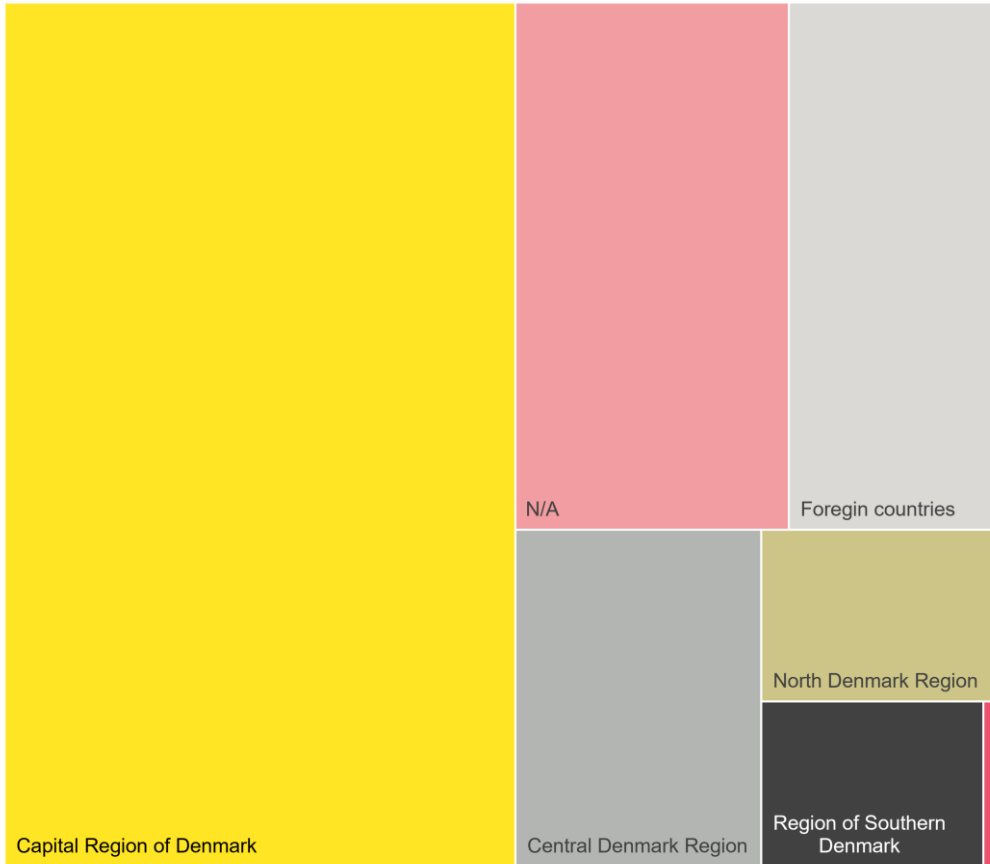
DDSA has had an X profile, formerly known as Twitter, since June 2022 counting 850+ followers, approximately 50 pct. more than in end 2022. Since June 2022, DDSA has published 135 posts on the X-profile @DataScienceDK, generating more than 160,000 impressions.

X statistics from June 20, 2022, to February 1, 2024.

DDSA X followers, 2022-2023

Note: X followers in the period from creating an X (Twitter) profile on June 19, 2022, to February 1, 2024. Source: X, February 1, 2024





DDSA followers on LinkedIn by region, 2023

Source: LinkedIn, February 1, 2024
n=5,165

- Capital Region of Denmark
- Region of Southern Denmark
- N/A
- Central Denmark Region
- Region Zealand
- North Denmark Region
- Foreign countries

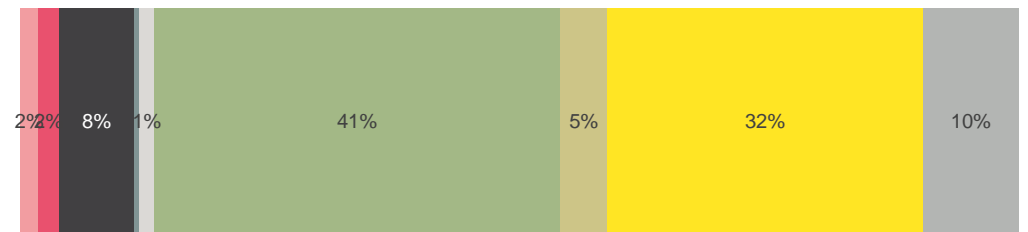
Engagement rate LinkedIn Top 5

- 01 Annual Report 2022
- 02 Data Visualisation Workshop - Highlights
- 03 Mentoring Programme - Call for Mentors
- 04 PhD Meetup - Highlights from first meetup
- 05 Pre-Graduate Retreat 2023 - Highlights

Impressions LinkedIn Top 5

- 01 YAP nomination (round 2)
- 02 PhD Fellowship - Open call 2023
- 03 PhD Fellows 2023 - Announcement of the 10 fellows
- 04 Cross-Academy PhD Scholarship - Announcing upcoming call
- 05 Postdoc Fellows 2023 - Announcement of the 6 fellows

Source: LinkedIn, February 1, 2024



DDSA followers on LinkedIn by seniority, 2023

Source: LinkedIn, February 1, 2024
n=5,165

- CXO
- VP
- Director
- Partner
- Owner
- Senior
- Manager
- Entry
- Training



Newsletter

DDSAnews, launched for the first time in December 2022, has been published four times during 2023. It covers a variety of stories, including the announcement of the 16 new DDSA PhD and Postdoc Fellows 2023, nomination for the DDSA Young Academy Panel, new application criteria for the DDSA Travel Grant, announcement of the new initiative 'National Data Science PhD Meetup', and the D3A Conference. The newsletter also features presentations of the DDSA PhD and Postdoc fellows' research projects. along with numerous calls and deadlines.

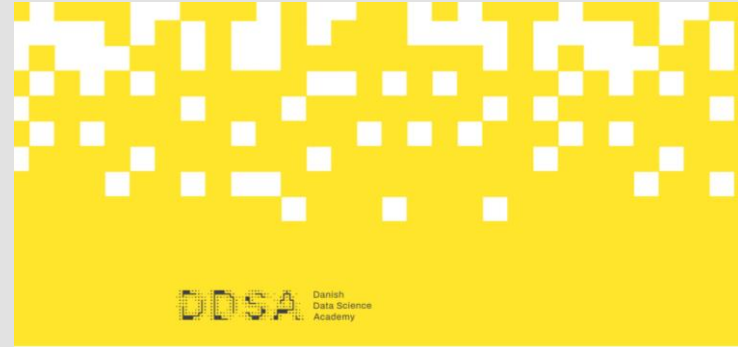
The primary objective for DDSAnews is to deliver concise news stories, highlight upcoming events and funding deadlines, and a video segment focused on the theme 'What is Data Science?'. The newsletter aims to be resource-optimised, ensuring relatively easy

implementation, e.g., without extensive image handling. The anticipated frequency for DDSAnews is 4-6 times per year, but this is still subject to ongoing evaluation.

To facilitate subscription, a 'Sign Up. Be Inspired.' form is available in the footer of ddsa.dk, and QR codes on generic DDSA flyers direct individuals to a website page for easy access to DDSAnews, as well as the DDSA LinkedIn and X profiles.

As of the end of January 2024, DDSAnews has garnered 750+ subscribers. The newsletter opening rate ranges from 54.2 pct. to 67.6 pct., which is considered as a very good opening rate.*

[Digital Works](#) considers an opening rate around 30 pct. as good. [Mailchimp](#) suggests an opening rate in the range 30-40 pct. is average, depending on the business type.



Featured News

Danish Data Science Academy Grants DKK 26 Million to 16 New PhD and Postdocs

From sleep analysis, brain image analysis, and health prediction models over physics language models, AI writing assistants, and image segmentation to arctic climate and food design. Witness the pervasive presence of data science in all aspects of life with the new research projects in the years to come from the 16 new DDSA PhD and Postdoc fellows. Data Science is everywhere!

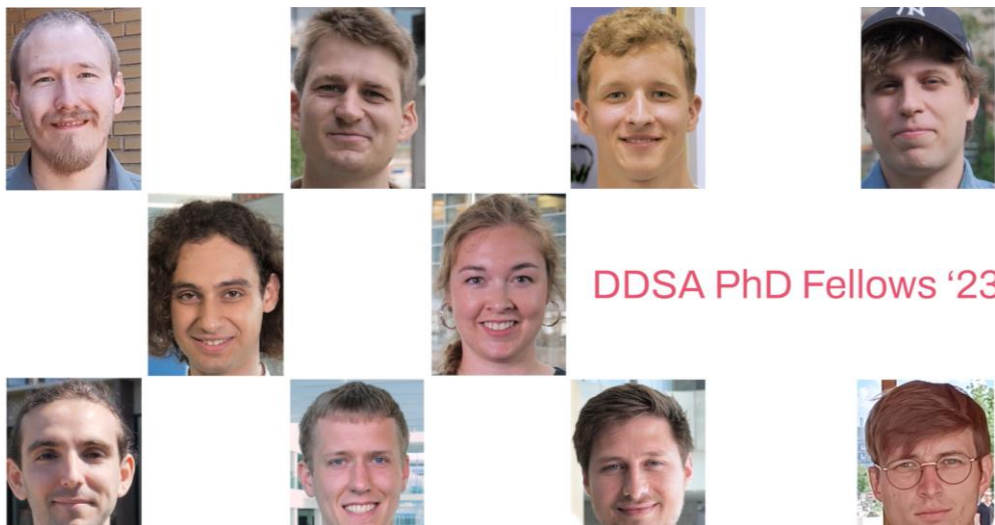
[Learn more](#)

New Application Criteria for DDSA Travel Grant

New application criteria for the DDSA Travel Grant focus on opportunities for bachelor's and master's students within data science!

[Learn more](#)





DDSA PhD Fellows '23

PhD and Postdoc Fellowship Videos

As a part of the celebration of the 26 DDSA PhD and Postdoc fellows in 2022 and 2023, a series of videos has been created. Three videos provide brief presentations of the research projects of the 6 Postdoc fellows 2023, the 10 PhD Fellows 2023, and the 10 PhD Fellows 2022, respectively. Additionally, 26 individual videos have been produced, and used as a part of the 'What is Data Science?'-campaign on social media, ddsa.dk, and DDSAnews.

The videos were showcased at the 'Celebrating Danish Data Science' event in June 2023 and at the DDSA Grand Opening in 2022. The videos are accessible at the 'Meet Our Researchers' section at ddsa.dk.



© Photo by Rico Feldfoss





Partnerships and Synergy

DDSA has created strong collaborative ties with several other organisations.

Sister Academies

DDSA has strong ties with the two sister organisations in the Novo Nordisk Foundation family – as well as joint interactions with the Lundbeck foundation Neuroscience Academy Denmark.

This includes joint activities, PhD Scholarship calls, as well as knowledge sharing and coordination meetings across the 3 organisations. Some examples of 2023 joint community facing activities are:

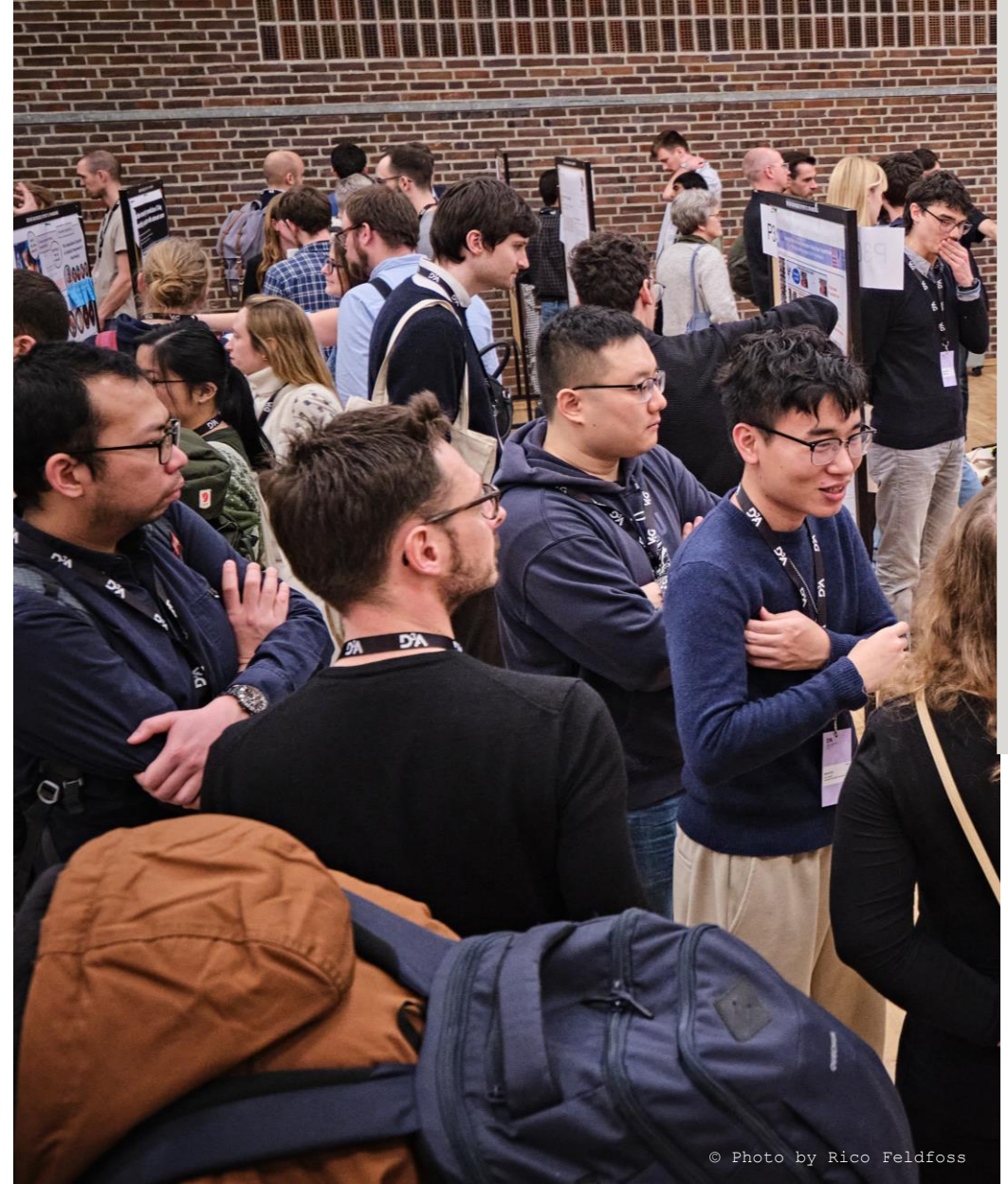
- 10 2/3 co-funded PhD Scholarships
- Data Visualisation Workshop

Pioneer Centre for AI (P1) and Digital Research Centre Denmark (DIREC)

DDSA is collaborating and knowledge sharing with P1 and DIREC, and the three organisations have agreed on joining forces for all annual conferences going forward.

Other Collaboration Partners

- DDSA has had collaboration meetings with:
- Algoritmer, Data & Demokrati (ADD)
- Danish Data Science Community (DDSC)
- Neuroscience Academy Denmark (NAD)
- Helmholtz Information & Data Science Academy (HIDA – a German sister organisation)



Future Focus

2024 marks the midway point of our current grant period, and a lot of time will be invested in electing our new governing bodies that will continue to shape DDSA till the end of 2026 and take part in securing renewed funding. We will reflect and celebrate this midway point at our upcoming June celebration event, together with joining and leaving DDSA people.

In 2024, we are also thrilled about our growing portfolio of activities which for the first time includes the awarding of 10 2/3 funded PhD scholarships with our sister academies, Danish Cardiovascular Academy and Danish Diabetes and Endocrine Academy, on top of our own fully funded 10 PhD and 6 Postdoc Fellowships. We also look forward to our second joint conference in October, organised with our partners at Pioneer Centre for AI and DIREC. And to Pre-Graduate Retreat in August, new cohort in the Mentoring Programme and more PhD Meetup's. We will award Travel and Visit Grants as well as course and event grants relevant for Danish data science and continue working towards growing the Danish data science community, with a particular focus on young researchers.

#GrowingDanishDataScience



Appendix

Appendix

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Board of Directors

The Board of Directors (BoD) sets the overall strategic direction of DDSA. The listed committee members have been appointed for 2.5 years on February 1, 2022.

Further, the Chairs of the Young Academy Panel, Education and Networking Committee, and Fellowship Evaluation Committee are invited to most BoD meetings as non-voting members.

Name	Organisation	Position
Lars Kai Hansen (Chair)	Technical University of Denmark	Professor and section head at Department of Applied Mathematics and Computer Science
Anders Krogh (Vice-Chair)	University of Copenhagen	Professor at Department of Computer Science and Head of Health Data Science
Ira Assent	Aarhus University	Professor at Department of Computer Science
Katja Hose	Aalborg University	Professor at Department of Computer Science
Claudio Pica	University of Southern Denmark	Professor and head of SDU eScience Centre at Department of Mathematics and Computer Science
Carsten Utoft Niemann	Rigshospitalet and University of Copenhagen	Clinical Associate Professor and head of CLL Lab at Department of Haematology
Allan Christian Shaw	Novo Nordisk	Corporate Vice President of Digital & Research Intelligence

Fellowship Evaluation Committee

The Fellowship Evaluation Committee (FEC) consists of 6 national and 6 international members and is responsible for evaluating and nominating candidates for the DDSA Fellowships. The listed committee members have been appointed for 2.5 years on February 1, 2022.

Name	Organisation	Position
Kåre Lehmann Nielsen (Chair)	Aalborg University	Professor at Department of Chemistry and Bioscience
Barbara Plank	IT University of Copenhagen and LMU Munich	Professor of Natural Language Processing and Head of Data Science Study Programme
Dolores Romero Morales	Copenhagen Business School	Professor at Department of Economics
Jakob Skou Pedersen	Aarhus University, Skejby Hospital	Professor at Bioinformatics Research Centre, AU, and the Department of Molecular Medicine, Skejby Hospital
Jes Frellsen	Technical University of Denmark	Associate Professor at Department of Applied Mathematics and Computer Science
Peter Schneider-Kamp	University of Southern Denmark	Professor at the Department of Mathematics and Computer Science
Anna Korhonen	Cambridge University, UK	Professor at Institute of Theoretical and Applied Linguistics and Department of Computer Sciences and Technology
Alessandro Cozzi-Lepri	University College London, UK	Professor at Institute for Global Health
Arno Solin	Aalto University, Finland	Assistant Professor at Department of Computer Science
Aurélien Garivier	École Normale Supérieure de Lyon, France	Professor at Département de Mathématiques
Luis Leiva	University of Luxembourg	Associate Professor at Department of Computer Science
Matteo Magnani	Uppsala University, Sweden	Professor of Data Science

Education & Networking Committee

The Education & Networking Committee (ENC) ensures through expertise and experience a broad representation of diverse areas and sub-disciplines within data science. The ENC is responsible for evaluating and prioritising applications and ideas for large events, activities, and courses, and monitors the small events and course program which runs via the Secretariat. The committee appoints the Young Academy Panel (YAP) and provides strategic input on the need for new courses, events, and activities to the BoD. The listed committee members have been appointed for 2.5 years on February 1, 2022.

Name	Organisation	Position
Aasa Feragen (Chair)	Technical University of Denmark	Professor at Department of Applied Mathematics and Computer Science
Camilla Sofani Bartholdy	Ministry of Foreign Affairs	Head of Innovation
Deirdre Cronin Fenton	Aarhus University	Associate Professor at Department of Clinical Epidemiology
Hua Lu	Roskilde University	Professor at Department of People and Technology
Jacob Ramlov Jensen	Go Autonomous	Co-Founder, AI/ML Development Lead
Lisbeth Fajstrup	Aalborg University	Associate Professor at Department of Mathematical Sciences
Mads Nielsen	University of Copenhagen	Professor at Department of Computer Science
Mikkel Baun Kjærgaard	University of Southern Denmark	Professor at The Maersk Mc-Kinney Moller Institute
Ole Nørregaard Jensen	University of Southern Denmark	Professor at Department of Biochemistry and Molecular Biology
Roald Forsberg	Raven Bioscience	CEO, Founder
Rikke Sternberg	SAS Institute	Senior Manager
Sisse Rye Ostrowski	Rigshospitalet, University of Copenhagen	Clinical Professor at Department of Clinical Medicine

Cross-Academy Collaboration Sub-committee

The Cross-Academy Collaboration (CAC) is a sub-committee from the Education & Networking Committee. The members are representatives of the data science field and has expertise which intersects with other national academies such as the Danish Diabetes and Endocrinology Academy (DDEA) and the Danish Cardiovascular Academy (DCA). CAC provides strategic recommendations and input on the need for new courses, events, and activities that intersects the academies, as well as evaluates incoming suggestions from other academies. The listed committee members have been appointed for 2 years in October 2022.

Name	Organisation	Position
Adam Hulman (Chair)	Steno Diabetes Center Aarhus	Senior Data Scientist
Melanie Ganz-Benjaminson	Department of Computer science, University of Copenhagen and Neurobiology Research Unit, Rigshospitalet	Associate Professor
Josefine Vilsbøll Sundgaard	Novo Nordisk/DTU	Senior Postdoctoral Researcher
Jesper Kjær	Danish Medicines Agency	Director of Data Analytics Centre

Young Academy Panel

The Young Academy Panel (YAP) is appointed by ENC and consists of young scientists in the beginning of their career. YAP is responsible for providing feedback on DDSA's strategy and activities to the BoD, as well as input and feedback for new initiatives, events and activities to the ENC. YAP also has a line of tasks with the secretariat such as organizing recurrent DDSA events (e.g., the annual MSc retreat) and developing the mentoring networks and events. The listed panel members have been appointed for 1.75 year in March 2022.

Name	Organisation	Position
Sebastian Weichwald (Chair)	University of Copenhagen	Assistant Professor (tenured) at Department of Mathematical Sciences
Anastassia Vybornova	IT University of Copenhagen	PhD Student at Department of Computer Science
Cecilie Utke Rank	Rigshospitalet and University of Copenhagen	Physician and Researcher
Frederica Belmonte	Statens Serum Institut	Statistician/Data Scientist
Jens Ulrik Hansen	Roskilde University	Associate Professor at Department of People and Technology
Jesper Løve Hinrich	Technical University of Copenhagen	Postdoc at Department of Applied Mathematics and Computer Science
Joakim Bruslund Haurum	Aalborg University and Pioneer Centre for AI	Postdoc at Visual Analysis and Perception Laboratory
Jonas Freiderich	University of Southern Denmark	PhD Student at Maersk McKinney-Moller Institute
Kenneth Borup	Aarhus University	PhD Student at DIGIT Centre
Marianne Helenius	Rigshospitalet	Postdoc at the Paediatric Oncology Research Laboratory (Bonkolab)
Nicolai Blegvad Thomsen	NTT DATA Business Solutions	Data Scientist
Sara Mesquita	Novozymes	Senior Data Scientist
Tobias Frisch	University of Southern Denmark	Postdoc at Department of Mathematics and Computer Science
Viktor Stenby Johanson	Vipps MobilePay	Machine Learning Engineer

National Advisory Panel

The National Advisory Panel (NAP) represents Danish companies (start-ups to large enterprises), non-governmental organisations, and public institutions. NAP provides strategic recommendations to the BoD on how to promote and strengthen alignment and collaboration between DDSA and the Danish industry, and national activities and priorities. The listed panel members have been appointed for 2.5 years on February 1, 2022.

Name	Organisation	Position
Allan Christian Shaw (Chair)	Novo Nordisk	Corporate Vice President of Digital & Research Intelligence
Anne Bøgh Fangel	Omilon	User Experience Manager
Jens Erik Nielsen	Novozymes	Vice President of Enzyme Research
Laust Hvas Mortensen	Statistics Denmark/University of Copenhagen	Chief Consultant and Professor at Department of Public Health
Lisbeth Knudsen	Mandag Morgen/Altinget	Strategic Director
Mie Sachmann Svane	Läntmännens Unibake	Data & Analytics Manager
Natasha Friis Saxberg	Danish ICT Industry Association	CEO
Nicolai Anton Lynnerup	Universal Robots A/S	Strategic Innovation Researcher
Pernille Tranberg	DataEthics.eu	Co-Founder, adviser in data ethics
Rasmus Engholm	Grundfos – AI Solutions	Lead Data Scientist
Søren Kamaric Riis	Oticon Medical	Chief Research Officer
Thomas Krumbak	The Municipality of Aarhus	Chief HR- and Digitalization Officer, and Chief of staff

International Advisory Panel

Name	Organisation	Position
Claudia Plant	Universität Wien, Austria	Professor at Faculty of Computer Science
Emilio Carrizosa	University of Seville, Spain	Professor at Faculty of Mathematics
Gianmaria Silvello	University of Padua, Italy	Associate Professor
Nathan Baker	University of Washington and Pacific Northwest National Laboratory, USA	Distinguished Faculty Fellow at Department of Applied Mathematics; Laboratory Fellow
Nicolaj Søndergaard Mühlbach	Massachusetts Institute of Technology (MIT), USA	Postdoc
Ivan Ollier-Caparroso	Liverpool John Moores University, UK	Senior Lecturer at School of Computer Science and Mathematics

The International Advisory Panel (IAP) provides expert feedback and recommendations to the BoD on activities and the overall strategy. IAP is responsible for keeping DDSA up to date on new trends and methods outside of Denmark by ensuring awareness and alignment with the international data science community. The listed panel members have been appointed for 2.5 years on February 1, 2022.

Small Event Grants 2022

List of recipients of the DDSA Small Event Grants 2022

Small Event Grants 2022 Part 1					
Name	Organisation	Co-organiser(s)	Event title	Date	Granted (DKK)
Muniba Talha	KEA	IDA	Women in Data Science Copenhagen 2022	26.04.2022	49,500
Cecilie Amalie Andersen	DDSC/Trackunit	Ekstra Bladet/JP Politikens Hus	Danish Data Science Community Founding General Meeting	08.04.2022	29,500
Andreas Baum	DTU Compute	University of Copenhagen, Department of Food Science	Dansk Selskab for Kemometri Hackathon	01.10.2022-02.10.2022	45,000
Norbert Krüger	SDU, The Maersk Mc-Kinney Moller Institute	DIREC	International Workshop on Data Re-Use for Robot Assembly	08.09.2022	11,000
Andreas Trier Poulsen	Damvad Analytics		Experience sharing and networking event within Data Science: MLOps	29.09.2022	6,800
Andreas Trier Poulsen	Damvad Analytics		Experience sharing and networking event within Data Science: NLP	16.11.2022	6,800
Anne Helby Petersen	Danish Statistical Society		Temaaften om statistikerens rolle i det danske mediebillede	27.09.2022	30,750
Martin Skovgaard Andersen	DTU Compute, Section for Scientific Computing	Associate Professor Allan Engsig-Karup, DTU Compute, Section for Scientific Computing, Associate Professor Jakob Lemvig, DTU Compute, Section for Mathematics	Mathematics of Data Science	28.09.2022-31.05.2023	50,000
Rakul Maria H. Tórgarð	IT University of Copenhagen	Computer Science Department of IT University of Copenhagen	Lille Kat	28.10.2022	10,000
Tina Blegind Jensen	Copenhagen Business School, Dept. of Digitization	ITU, Wake Forest University (US), and the Association for Information Systems (AIS)	Paper-a-Thon in Digitization	10.12.2022-11.12.2022	45,200

Small Event Grants 2022

List of recipients of the DDSA Small Event Grants 2022

Small Event Grants 2022 Part 2					
Name	Organisation	Co-organiser(s)	Event title	Date	Granted (DKK)
Lasse Hjort Jakobsen	Department of Hematology, Aalborg University Hospital	Sandra Eloranta (Dept. of Medicine, Karolinska Institutet), Tarec Christoffer El-Galaly (Dept. of Hematology, Aalborg University), Caroline Weibull (Dept. of Medicine, Karolinska Institutet)	Nordic Lymphoma Epidemiology Group biostatistical workshop	09.05.2022-10.05.2022	50,000
Torben Martinussen	Section of Biostatistics, Institute of Public Health, University of Copenhagen	Dansk Statistisk Selskab. Formand Søren Højgaard, Ålborg Universitet	Symposium in celebration of Per Kragh Andersen's contributions to statistics	15.11.2022-16.11.2022	40,000
Frederik Warburg	Section for Cognitive Systems, DTU Compute	Serge Belongie, Professor, Department of Computer Science, KU, and Director of the Pioneer Centre for AI	Learning to taste	25.11.2022	40,000
Andreas Søgaard	Niels Bohr Institute, University of Copenhagen	Troels C. Petersen (NBI), Rasmus Ørsøe, and Philipp Eller (Technical University of Munich)	3rd Workshop on Graph Neural Networks for Neutrino Telescope Event Reconstruction	09.05.2023-12.05.2023	50,000
Dolores Romero Morales	Copenhagen Business School	Jimmy Martinez-Correra	Second NeEDS Workshop on the Latest Advances in Machine Learning to Deal with Complex Data	01.12.2022	6,000
Matthias Mattanovich	NNF Center for Basic Metabolic Research, SUND, UCPH, NNF Center for Biosustainability, DTU Biosustain	Marie Locard-Paulet, Postdoc, NNF Center for Protein Research, UCPH, Holda Anagho, PhD student, NNF Center for Protein Research, UCPH	ProteoBench Workshop: Building a community-curated platform for comparison of mass-spectrometry data analysis workflows	06.02.2023-10.02.2023	50,000

Small Event Grants 2023

List of recipients of the DDSA Small Event Grants 2023

Small Event Grants 2023					
Name	Organisation	Co-organiser(s)	Event title	Date	Granted (DKK)
Asger Hobolth	Aarhus University	Danish Technical University	Phase-type distributions with a view to population genetics	26.04.2023	35,800
Muniba Talha	KEA		Women in Data Science Copenhagen	17.05.2023	40,000
Shahab Heshmati Alamdari	AAU, Department of Electronic Systems	Aalborg Robotics Challenge	Kick-Off Event: Aalborg Robotics Challenge (ARC)	26.05.2023	50,000
Marco Chiarandini	IMADA, SDU	Jacopo Mauro, IMADA, SDU; Jakob Nordstrom, DIKU, UCPHn	NordConsNet Workshop 2023.	08.06.2023	50,000
Eleonora Nigro	UCPH, Center for Health Data Science – HeaDS	Anders Krogh, Center for Health Data Science, UCPH	Health Data Science Day	22.06.2023	50,000
Andreas Møgelmoose	Aalborg University	Thomas B. Moeslund, Mark Philip Philipsen, Andreas Aakerberg	AVS VGIS CVG gathering: Reunion of Visionaries	07.09.2023	5,000
Johannes Bjerva	Aalborg University	Yiyi Chen, Dept. of Computer Science, AAU	Symposium on Recent Advances in Natural Language Processing and Generative AI	29.09.2023	50,000
Sine Zambach	Copenhagen Business School	Raghava Mukkamalla, CBS	Data Science breakfast series	27.10.2023	14,200
Jakob Pedersen	Aarhus University	Nicolai Juul Birkbak, AU; Søren Besenbacher, AU; Sabarinathan Radhakrishnan, NCBS, India	Aarhus Cancer Genomics Symposium	20.11.2023	30,290
Morten Pedersen	DDSC	Søren Skibsted, Northstake; Mads Ellersgaard Kalør, Kaunt	DDSCxKauntxNorthstake meetup	14.12.2023	7,500
Thomas Vain	DTU SkyLab		Digital Twin University Hackathon	22.01.2024	50,000
Ralf Zimmermann	SDU		Nordic numerical linear algebra meeting	17.06.2024	50,000
Louis Boucherie	DTU	Thea Brüsck, Jonas Juul, Peter Edsberg Møllgaard, Silvia de Sojo Caso, Sandro Sousa	DataBeers Copenhagen	2023-2024	35,000

Large Event Grants 2022

List of recipients of the DDSA Large Event Grants 2022

Large Event Grants 2022					
Name	Organisation	Co-organiser(s)	Event title	Date	Granted (DKK)
Mark Riis	DTU	All Danish Universities, Digital Tech Summit, DIREC, AI Pioneer Centre and DDSA	Young Data Science Talents at Digital Tech Summit - Young researcher-industry collaboration	25.10.2022-26.10.2022	100,000
Eike Petersen	DTU	Niels van Berkel (AAU), Melanie Ganz (NRU, KU), Aasa Feragen (DTU)	Responsible Machine Learning for Healthcare Workshop	28.10.2022-29.10.2022	99,000
Laura Alessandretti	DTU	Luca Aiello (ITU), Frederik Georg Hjorth (UCPH), Josefine Bohr Brask (DTU)	International Conference in Computational Social Science (IC2S2)	17.07.2023-20.07.2023	100,000
Andreas Berre Eriksen	Ambolt AI	AAU, AU, DTU, ITU, KU, RUC, SDU, ATV, DIREC, AI Denmark, Digital Tech Summit	DM I AI - Danish Championship in AI for students	04.10.2022-10.10.2022	100,000
Henriette Lipczak	Regionernes Kliniske Kvalitetsudviklingsprogram	The Danish Center for Clinical Health Services Research (DACs) and the Organization of Danish Medical Societies (LVS)	Clinical Quality Conference 2022	29.11.2022-30.11.2022	100,000
Joanna Bergström	Human Centered Computing, University of Copenhagen	The Pioneer Centre for Artificial Intelligence, with input from University of Southern Denmark and Aalborg University.	Learning through XR	11.11.2022	100,000

Large Event Grants 2023

List of recipients of the DDSA Large Event Grants 2023

Large Event Grants 2022					
Name	Organisation	Co-organiser(s)	Event title	Date	Granted (DKK)
Hans-Jörg Schulz	AU, Department of Computer Science		International Workshop on Visualization and Visual Computing (VCG'23)	09.05.2023	81,750
Murat Kulahci	DTU Compute	European Network for Business and Industrial Statistics (ENBIS)	ENBIS Spring Meeting	25.05.2023	30,000
Henriette Lipczak	Regionernes Kliniske Kvalitetsudviklingsprogram	The Danish Center for Clinical Health Services Research (DACs); The Organization of Danish Medical Societies (LVS)	Clinical Quality 2023	30.10.2023	100,000
Wouter Boomsma	University of Copenhagen	Thomas Hamelryck, Søren Hauberg, Jes Frellsen, Aasa Feragen, Ole Winther, Anders Krogh,	Generative AI for Life Science	15.04.2024	100,000
Niels Richard Hansen	University of Copenhagen	Section of Biostatistics, Dept. of Public Health, UCPH	European Causal Inference Meeting (EuroCIM)	16.04.2024	100,000
Emmanouil Vasilomanolakis	Technical University of Denmark	The HoneyNet Project	The HoneyNet Project Workshop	27.05.2024	65,000
Stefan Jänicke	University of Southern Denmark	Eurographics Org. Johanna Schmidt (VRVis, Vienna), Christian Heine (Leipzig University), Isaac Cho (Utah State University)	EuroVis 2024	27.05.2024	100,000
Kevin Schewior	University of Southern Denmark	Marco Chiarandini, SDU; Lene Monrad Favreholdt, SDU	Workshop on Models and Algorithms for Planning and Scheduling Problems (MAPSP) 2024	23.06.2024	100,000

Small Course Grants 2022

List of recipients of the DDSA Small Course Grants 2022

Small Course Grants 2022					
Name	Organisation	Co-organiser(s)	Event title	Date	Granted (DKK)
Allan Peter Engsig-Karup	DTU Compute	Professor Kim Knudsen, Head of PhD school, DTU Compute	Scientific Machine Learning	13.06.2022-17.06.2022	19,000
Mark Riis	DTU Compute	DIREC, AI Pioneer Centre, University of Aarhus and Copenhagen Business School	Young Researcher Entrepreneurship Academy	22.05.2022-24.05.2022	20,000
Morten Mørup	DTU	Abdulkadir Çelikkanat	Advanced Topics in Machine Learning: Graph Representation Learning	22.08.2022-26.08.2022	46,500
Christian Hirsch	Department of Mathematics, Aarhus University	C.A.N. Biscio, L. Fajstrup (Aalborg University), O. Cronie (Chalmers University of Technology)	Danish-Swedish Summer School on Topological Data Analysis & Spatial Statistics	26.06.2023-30.06.2023	35,500

Small Course Grants 2023

Small Course Grants 2023					
Name	Organisation	Co-organiser(s)	Event title	Date	Granted (DKK)
Anders Bjrholm Dahl	DTU Compute	QIM - Center for Quantification of Imaging Data from MAX IV (organized by University of Copenhagen, Lund University, MAX IV and Technical University of Denmark)	QIM: 3D image analysis - From Foundation to Vision	10.03.2023	50,000

List of recipients of the DDSA Small Course Grants 2023

Large Course Grants 2022

List of recipients of the DDSA Large Course Grants 2022

Large Course Grants 2022					
Name	Organisation	Co-organiser(s)	Event title	Date	Granted (DKK)
Bernardo Machado David	ITU	Carsten Baum, Assistant Professor, Aarhus University	Summer School on Privacy-Preserving Machine Learning	01.08.2022-04.08.2022	50,000
Maria Maistro	UCPH	Toine Bogers, Associate Professor (AAU CpH), Christina Lioma, Professor (UCPH) Alan Said, Associate Professor (University of Gothenburg)	Summer School on Recommender Systems	12.06.2023-16.06.2023	100,000
Nicki Skafte Detlefsen	DTU	Søren Hauberg, DTU Compute	Machine Learning Operations Summer School (MLOpsSS)	17.10.2022-22.10.2022	64,000
Thomas B. Moeslund	Aalborg University	Jon Sparring, DIKU; Rasmus R. Paulsen, DTU; Dan Witzner Hansen, ITU	Summer school on missing data, augmentation, and generative models	14.08.2023-18.08.2023	100,000
Jes Frellsen	DTU Compute	Assistant Professor Jakub M. Tomczak, Vrije Universiteit Amsterdam, Pioneer Centre for Artificial Intelligence and ELLIS	Deep generative modelling summer school (DGMSS)	26.06.2023-30.06.2023	100,000

Appendix B

Large Course Grants 2023

List of recipients of the DDSA Large Course Grants 2023

Large Course Grants 2023					
Name	Organisation	Co-organiser(s)	Event title	Date	Granted (DKK)
Deirdre Cronin Fenton	AU, Department of Clinical Epidemiology, Department of Clinical Medicine	AU: Anders Børglum, Mikkel Heide Schierup, Torben Heick Jensen, Doug Speed, Anja Einholm. AAU: Martin Bøgsted. UCPH: Anders Krogh. SDU: Torben Kruse.	The First Danish National Conference on Personalized Medicine	24.10.2023	100,000
Hiba Nassar	Technical University of Denmark	Professor Karel Hron (Palacký University, Czech Republic)	Course on Functional Data Analysis and Machine Learning of Complex Data: Techniques and Applications	10.04.2024	100,000
Signe B. Sørensen	Aalborg University		Social Data Science – Machine Learning in The Humanities and Social Sciences	26.08.2024	100,000

DDSA Activities and Events

List of DDSA Activities and Events 2022-2023

DDSA Activities and Events 2022-2023			
Event	Date	Location	No. of Attendees
DDSA Grand Opening	June 20, 2022	Statens Museum for Kunst, Sølvgade 48-50, 1307 Copenhagen K, Denmark	310 (450 hybrid)
DDSA Pre-Graduate Retreat 2022	October 4-5, 2022	Scandic Bygholm Park, Horsens, Denmark	60
PhD Networking Event 2022	October 21-22, 2022	Frederiksdal Sinatur Hotel & konference, Frederiksdalsvej 360, 2800 Kongens Lyngby, Denmark	17
DDSA Conference: Danish Data Science 2022	November 7-8, 2022	Legoland Hotel & Conference, Åstvej 10, 7190 Billund, Denmark	300
National Data Science PhD Meetup	June 27, 2023	Utzon Center, Slotspladsen 4, 9000 Aalborg, Denmark	56
Celebrating Danish Data Science 2023	June 27, 2023	Utzon Center, Slotspladsen 4, 9000 Aalborg, Denmark	113
DDSA Pre-Graduate Retreat 2023	August 16-17, 2023	Rødning Højskole, Flors Allé 1, 6630 Rødning, Denmark	39
Data Visualisation Workshop 2023	November 15-16, 2023	Milling Hotel Park, Viaduktvej 28, 5500 Middelfart, Denmark	40

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