Data Agent annual report 2021

The Data Agent network
Data agent 2021 highlights

Udayanto Atmojo (Electrical Engineering and Automation) udayanto.atmojo@aalto.fi
- RDM seminar in ELEC. Data and software publishing at the department.

Kunal Bhattacharya (Industrial Engineering and Management) kunal.bhattacharya@aalto.fi
- Webinars on restricted data sets. Departmental data projects. Aalto Data Hub team

Richard Darst (Computer Science) richard.darst@aalto.fi
- Research Software Engineers a success. Online teaching with CodeRefinery and Nordic-RSEs

Enrico Glerean (Neuroscience and Biomedical Engineering) enrico.glerean@aalto.fi
- Founder of the Finnish Reproducibility Network. National policy on research methods. ENRIO WS

Dan Häggman (Built Environment) dan.haggman@aalto.fi
- Data storing and anonymization webinars. DMP guidance
Data agent 2021 highlights

Clemens Icheln (Electronics and Nanoengineering) clemens.lcheln@aalto.fi
- Webinar on how to share research data. Metadata guidance at the department

Mika Jalava (Built Environment) mika.jalava@aalto.fi
- Webinar on how to make your research reproducible. Guidance for projects at the department

Antti Valkonen (Economics) antti.t.valkonen@aalto.fi
- Project manager for Aalto Data Hub

Essi Viitanen (Research services) essi.Viitanen@aalto.fi
- Introduction to RDM and Research Data in Visual Arts. Data Management Plans instruction

Abraham Zewoudie (Signal Processing and Acoustics) abraham.zewoudie@aalto.fi
- RDM seminar in ELEC. Data and software publishing at the department
Trainings

Data Agents and specialists from Research Services, IT Services and Academic Legal Services organize a training series in Research Data Management

**Autumn 2021**
- 14 public webinars
- More than 1,600 registrations among over 500 participants
- On average, the webinars got an overall rating of 4,5/5.

**Spring 2022**
- More than 900 registrations by 15.4.
- 18 webinars and 2 workshops (with SCIComp)

Registrations per webinar* autumn 2021

Current Trends in Academic Publishing: 186
Introduction to Research Data Management: 182
How to Store Research Data: 169
Data Management Plans: a How-to: 168
How to Make Your Research/Code...: 152
Basics of Data Anonymisation: 145
Legal Aspects of Research Data: 138
How to Share Research Data Through a Data...: 132
Handling of Personal Data: 128
Working with Restricted Datasets: 103
Introduction to GitHub: 99

*School-specific training sessions (3) are not included here.
# Youtube statistics

<table>
<thead>
<tr>
<th>Video</th>
<th>Katselukerrat</th>
<th>Katselusua (tunteina)</th>
<th>Tilaajat</th>
<th>Impressiot</th>
<th>Impressioiden klikkausprosentti</th>
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</thead>
<tbody>
<tr>
<td>Yhteensä</td>
<td>1 761</td>
<td>160,3</td>
<td>65</td>
<td>20 727</td>
<td>2,7 %</td>
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<tr>
<td>Introduction to Research Data Management 5.10.2021 (Aalto Unive...</td>
<td>235</td>
<td>13,3 %</td>
<td>23,1</td>
<td>14,4 %</td>
<td>8</td>
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<tr>
<td>Hands-on Data Anonymization 2: Solutions for tabular data, 15.4.2...</td>
<td>221</td>
<td>13,6 %</td>
<td>11,3</td>
<td>7,0 %</td>
<td>3</td>
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<td>Data Management Plans: a How-to 7.10.2021 (Aalto University)</td>
<td>120</td>
<td>8,8 %</td>
<td>12,3</td>
<td>7,7 %</td>
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<tr>
<td>Handling of Personal Data 12.10.2021 (Aalto University)</td>
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<td>8,9 %</td>
<td>10,4</td>
<td>6,5 %</td>
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<td>Handling of Personal Data 25.3.2021 (Aalto University)</td>
<td>82</td>
<td>4,7 %</td>
<td>13,2</td>
<td>8,2 %</td>
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<tr>
<td>Basics of anonymization 27.10.2020 (Aalto University)</td>
<td>76</td>
<td>4,3 %</td>
<td>11,2</td>
<td>7,0 %</td>
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<tr>
<td>Handling of Personal Data, 16.3.2022 (Aalto University)</td>
<td>68</td>
<td>3,9 %</td>
<td>5,5</td>
<td>3,4 %</td>
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<tr>
<td>How to Store Research Data 04.11.2021 (Aalto University)</td>
<td>59</td>
<td>3,4 %</td>
<td>5,3</td>
<td>3,3 %</td>
<td>0</td>
</tr>
</tbody>
</table>
Research data - resolved tickets by quarter

Demand for support is increasing compared to 2020.
Aalto University Data Hub:

Combine licensed & unique data with relevant research, data and IT-services

• Increase the return on data investments
  • Increase use of unique data
  • Decrease time to research

• Expand unique data offering

• Competitive edge with data and data services

• https://datahub.aalto.fi/en
Data Hub since launch:

- **Users, Data Sources and Services growing**
  - Currently 35 different data sources listed (~50% increase)
  - Statistics Finland Services in pilot phase (Under one roof services for Aalto & projects being listed to the Data Hub)

![Monthly Data Hub Users](chart.png)
Resources

- A DMP review service
- DMP and RDM help

- Domain-specific DMP and RDM help

- Custom software development and more…

Data support: researchdata@aalto.fi
The Aalto Research Software Engineers: https://scicomp.aalto.fi/rse/
Plans for 2022

- In the long-run, establish the RDM network as one of the leading RDM hubs in Europe
  - Data agents: network for learning, visibility and recognition of open science expertise
  - The support of OSA, ITS and LS is key for the above aims
  - Recruit new volunteer data agents
- Continue open trainings
- Develop better data related metrics
New members for 2022

Dr. Charlotte Zborowski
Department of Bioproducts and Biosystems (CHEM)
Expertise: Surface characterisation and materials research

Dr. Pedro Silva
Department of Chemistry and Materials Science (CHEM)
Expertise: Structural, functional, and smart materials