



2021 UvA Data Science Centre Accelerate Programme Matching for Data Scientists and Data Engineers

Introduction

The UvA Data Science Centre (DSC) seeks to accelerate data driven research within the University of Amsterdam. The DSC facilitates this through multiple mechanisms. One mechanism is to stimulate the hiring of data scientists and data engineers within faculties through the provision of matching funding. The matching helps support the costs of hiring a staff member in these roles for a specified period of time. The Accelerate Programme is not only intended to facilitate knowledge exchange throughout the university but also incentivize the integration of these roles into existing research activity. Note, there is a limited budget for matching and we aim to support all faculties. There will be additional calls in the future.

To apply for to the accelerate programme please fill out the following form and return as a pdf to dsc@uva.nl. The subject line of the email should be DSC 2021 Matching Proposal.

- Information Session: 15 January 2021 at 11:00 - 12:00
- Questions: dsc@uva.nl
- Deadline: 26 February 2021
- See the appendix for funding parameters
- DSC background: uva.nl/dsc

Contact Information

Faculty/Department(s):

Which faculty and department(s) is this application part of.

Primary applicant:

Please indicate the name, title, position, email address of the primary applicant – the contact point

Faculty member supporters:

Please indicate the names, titles, positions and email addresses of faculty members that support this.

Approval by Institute Director:

Please indicate the name and role of the institute director that has approved the submission of the proposal.

Proposal

Positioning of the staff member (max 500 words)

Please describe the organisational embedding of the staff member and relation to any ongoing projects or initiatives (external/internal). How will the embedding encourage diversity?

Envisioned Projects (max 500 words)

Please describe the kinds of projects that the staff member would work on. What would be the added value of the data scientist / engineer to these projects? What research could you potentially do that was not possible before? Will having this staff member support existing funding streams or enhance the acquisition of new funding?

Work with DSC (250 words)

We ask that all DSC affiliated data scientist and engineers spend one day a week working at the DSC. How would the interaction with the DSC enhance the research activities that the staff member is involved with? Given that the DSC is new, we are interested in creative ideas.

Outcomes

List potential research outcomes (papers, software, datasets, etc.) in the next two years that would be made possible through this matching



References

List references cited in the proposal.

Administrative Details

Role (data scientist / data engineer)

Please indicate the role of the staff member (data scientist / data engineer) and the intended [UFO function profile](#). Scales up to 12 and Profiles in Research and ICT are indicative, but this is flexible.

Length of employment

Indicate whether the position is temporary or permanent. If temporary, how long would the staff member be employed for?

Start Date

When is the envisioned start date of the staff member?

Requested matching

Matching is on a percentage basis every year until 2024 with a maximum amount of matching per year on a percentage basis. This maximum percentage is:

2021	2022	2023	2024
80 %	60 %	40 %	20 %

Indicate the requested matching per year for this staff member.

2021	2022	2023	2024
%	%	%	%

Appendix

Evaluation Criteria

- Novelty of research
- Clarity of organizational embedding
- Duration of commitment
- Potential added value of the DSC to the position

Funding Parameters

Matching funding is provided before the appointment/hiring of the staff member. Hiring/appointment needs to be done with the involvement of the DSC coordination team or delegate (e.g. by being on the hiring committee). Staff members funded in part by DSC matching funds become DSC Affiliated – meaning that 1 day a week they will be work at the DSC location. Research (e.g. publications, software, data) involving DSC Affiliated Staff are required to acknowledge the DSC and be reported to the DSC.

Definitions of Data Scientist and Data Engineer

from EU-EDISON Data Science Framework (UvA et. al. 2017).

Data Science Engineering	Data Science Analytics
Data engineer	Data scientist
Use engineering principles to research, design, develop and implement new instruments and applications for data collection, analysis and management.	Use appropriate statistical techniques and predictive analytics on available data to deliver insights and discover new relations.