

Data Scientist in Big Graph Analytics

Full time (38 hrs)

AIT Austrian Institute of Technology & Complexity Science Hub

€ 59.164 gross/year*

* According to the AIT collective agreement



The [Complexity Science Hub Vienna](#) is a young research institution dedicated to a deeper quantitative and predictive understanding of complex systems for the betterment of society. We provide an exciting, creative, bureaucracy-free environment for open-minded visionaries who want to make a change and are brave enough to step out of mainstream science. This position is funded by the [AIT Austrian Institute of Technology](#), but you will work in close cooperation with the Complexity Science Hub and your work will take place at both AIT and CSH.

DATA SCIENTIST POSITION IN BIG GRAPH ANALYTICS

YOUR RESPONSIBILITIES

- **Research Leadership:** You will play a pivotal role in leading research initiatives related to financial transaction networks (e.g., cryptoasset and decentralized finance ecosystems) and large graph datasets in general. You will delve deeply into developing novel algorithmic methods and research methodologies to support predictions and informed decision-making on large network datasets.
- **Scientific Publication:** You will be responsible for converting your findings into comprehensive research papers and presenting them at top-tier academic and professional venues. Your contributions will help shape the global understanding of digital disinformation.
- **Grant Acquisition:** As a key contributor to our organization, you will also be expected to identify, apply, and obtain research grants. This will fund the continuation and expansion of our research in this field.
- **Mentorship:** You will supervise PhD and master's students and support them in their academic growth.

YOUR PROFILE

- PhD in computer science, physics, mathematics, statistics, engineering, or related fields.
- Demonstrated research experience in working with large datasets, network science, and machine learning.
- Proven scientific publication and grant acquisition abilities.
- Experience in mentoring or supervising students at the graduate level.
- Technical skills (R, Python, etc.) for conducting research work.
- Exceptional written and oral communication skills.

WE OFFER

A position in a dynamic, creative, internationally oriented, appreciative, and open working environment. The variety of projects will allow you to engage in new and hot topics and to collaborate with world renowned scientists. The salary for this position depends on education, qualification, and work experience.

APPLICATION

Please submit your application documents including your **CV, cover letter, certificates** and **contact details of at least 2 references**, online at the AIT Job portal: <https://jobs.ait.ac.at/Job/220073>

We will begin evaluating applications immediately, and the announcement will remain open until the position is filled. AIT and CSH are committed to equal opportunity for all applicants. Hiring decisions are based on job requirements, qualifications, merit, and organizational needs. Priority will be given to minorities and those committed to promoting inclusion, equity, and improving scientific processes. We process your data in accordance with legal requirements (<https://www.csh.ac.at/data-protection/>).