



The **Mannheim University Library** offers a part-time position starting at the earliest possible date as

Knowledge Graph Consultant (m/f/o)

The position is limited to 12 month within the project duration for the basic service “KGI4NFDI: Knowledge Graph Infrastructure for National Research Data Infrastructure” (<https://base4nfdi.de/projects/kgi4nfdi>). We strive to offer subsequent employment opportunities.

KGI4NFDI advocates for a reusable Knowledge Graph infrastructure designed to enhance the interoperability of research-related NFDI Knowledge Graphs. The service aims to provide essential components, including a Knowledge Graph (KG) registry and a service for accessing KGs across NFDI consortia. Furthermore, it seeks to enable research communities to build decentralized Knowledge Graphs using standardized technologies and approaches. The University Library Mannheim is responsible for the work package focused on consulting services and creating guidelines for building research-related Knowledge Graphs. The project’s working languages are English and German.

Your role:

As part of our team, you will play a key role in developing and implementing guidelines and consulting services for building research-related Knowledge Graphs. Additionally, you will support the NFDI communities in applying and using Knowledge Graphs and incorporate the feedback from the communities into the project.

Your tasks:

- Development of guidelines and best practices for the creation and maintenance of Knowledge Graphs in the NFDI communities, based on latest scientific insights and established standards
- Organization and execution of a consulting service that supports research communities in effectively using and implementing Knowledge Graphs for scientific data infrastructures
- Collection and analysis of user feedback to continuously improve the service offering
- Publication and presentation of project results at national and international conferences
- Coordination with project and NFDI partners

The **University of Mannheim** is one of the leading universities in Germany with an excellent track record in research and teaching. It has about 12.000 students at five faculties and about 2.600 employees. In particular, in the field of economics and social sciences the University of Mannheim is one of the top-ranked universities both nationally and internationally.

The University Library is the central information infrastructure unit of the University of Mannheim and is responsible for the provision of information to the university.

Basic information

Start: At the earliest possible date

Term: 12 month

Salary grade: E 13 TV-L BW

Weekly hours: 19,75 hours

Place of work:

Mannheim, city center, Schloss

Closing date for applications:

28.08.2024

Reference number: UB-24/10

Your profile:

Required qualifications:

- Completed academic degree (Master's or equivalent) in Computer Science or related fields
- Expertise in Knowledge Graphs, Linked Open Data and SPARQL, with a strong willingness to further develop your skills in these fields
- Ability to independently solve research problems and work effectively in a team
- Very good English skills and good German skills
- Excellent communication skills
- Strong service orientation

Preferred qualifications:

- Experience in creating documentation
- Experience in consulting
- Experience with Git (GitHub or GitLab)
- Enthusiasm for learning and applying new technologies

We offer:

- A challenging and varied role in a university environment with national and international partners
- A workplace in the representative Baroque Palace in the middle of the university campus; downtown location, immediate access to public transport, 5 minutes to the main train station
- Flexible working hours model, 30 days of annual leave
- Opportunity to purchase the subsidized Deutschlandticket Job / Jobticket BW
- Affordable lunch options on campus and in the city
- Opportunity to engage in university sports programs
- An annual salary according to TV-L E13 (<https://oeffentlicher-dienst.info/tv-l/allg/>) and the usual social benefits and advantages of public service



Innovative work environment



Flexible work schedules and arrangements



Family-friendly higher education institution



Internationality



Sports program for staff members



Continuing education and training

Datenschutz

Information on the processing of personal data according to article 13 of the GDPR is provided on the Universities website:
<https://www.uni-mannheim.de/en/about/working-at-the-university-of-mannheim/employment-opportunities/data-protection-during-the-job-application-process/>

The submitted documents will only be returned if accompanied by a sufficiently stamped envelope. Otherwise they will be destroyed after conclusion of the application procedure in accordance with the provisions of data protection law. Electronic applications will be deleted accordingly.

Please be aware that a breach of confidentiality and unauthorized access by a third party cannot be excluded when communicating via unencrypted email

Applications from qualified disabled individuals will receive preferential consideration. The University of Mannheim is committed to increasing the proportion of women and explicitly encourages qualified women to apply.

We are looking forward to receiving your application! Please send your application via e-mail or mail by 28. August 2024 to:

Direktorin der Universitätsbibliothek Mannheim
Schloss Schneckenhof West
68161 Mannheim

direktion.ub@uni-mannheim.de

For technical questions please contact Dr. Renat Shigapov (Data Science Consultant and Coordinator of the NFDI WG "Knowledge Graphs")

renat.shigapov@uni-mannheim.de

gerne zur Verfügung.

