



Mannheim University Library offers a full-time position of a
Data Scientist (m/f/d) (E 13 TV-L)
starting at the earliest possible date.

The position is limited to 36 months as part of a project to establish a research data center for business studies and economics (BERD-Center BW). Opportunities for part-time employment are available.

The Business and Economic Research Data Center (BERD-Center BW) is one of the four Science Data Centers funded by the state of Baden-Württemberg. The aim of the project is to establish a center of excellence for data availability and analysis in business studies and economics. A team of developers and researchers at the University of Mannheim and at the Leibniz Centre for European Economic Research (ZEW) Mannheim is working on this project.

Working language of the project is German or English.

Your responsibilities:

- Software development
- Creation of an open ontology for company data and development into a knowledge graph
- Named entity recognition, entity linking and automated data analysis for interlinking of existing data sets
- Building of a meta search of distributed data sources in business and economics
- Presentation of project results at conferences and in journals

Required:

- Master's degree in computer science (or comparable)
- Strong coding skills in at least one common programming language
- Skills in text and data analysis
- Problem solving ability, creativity, team player
- Eagerness to learn and apply new technologies

The University of Mannheim is a well established scientific university in research and teaching. It has about 2.630 employees and about 12.000 students. Especially in the field of economic and social sciences – traditionally strongly represented at this university – the University of Mannheim is at the top-level on national and international rankings. One of the University's special characteristics is the high level of interconnection between its five faculties.

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

Key Data

Start: at earliest possible date

Limited to 36 month

Job grading: E 13 TV-L

Working Hours:
currently 39,5 hours/week, part-time employment is possible

Place of work:
Mannheim, inner city, castle

Reference number: UB-19/16

Applications until 22.09.2019 to

**Direktorin der
Universitätsbibliothek Mannheim
Schloss Schneckenhof West
68161 Mannheim**

direktion@bib.uni-mannheim.de

**Your contact
Dr. Annette Klein
annette.klein@bib.uni-mannheim.de**

Preferred skills:

- Experience in the field of databases and search engines
- Skills in research data management, e.g. formats, interoperability, interfaces
- Experience in building ontologies
- Familiarity with Open Source Development
- Routine handling of Git and GitHub
- Knowledge in UNIX shell and scripting languages, e.g. Python
- Know-how in markup and data formats (JSON, XML, YAML, CSV...)
- Basic skills in modern deployment and Continuous Integration strategies (Docker, Travis CI...)

We offer:

- A challenging and varied job in an innovative team of software developers and researchers at a young and internationally oriented university
- A workplace inside the representative baroque palace in the midst of the campus; located at the city center, direct link to local traffic, 5 minutes to Mannheim central station
- Good contacts with faculties and institutes, also for doctoral projects
- Flexible working hours, possibility for home office, 30 days holiday
- Various possibilities for training and further education
- Subsidized public transport ticket for regional traffic
- Inexpensive lunch offers at the campus and the city center
- Possibility to participate at university sports
- An annual salary according to E13 TV-L (<https://oeffentlicher-dienst.info/tv-l/allg/>), depending on personal prerequisites, as well as the usual social benefits of the public sector

The University of Mannheim is an equal opportunity employer. Candidates with disabilities will be given preference in case of equal qualification. The University of Mannheim seeks to increase the percentage of its female employees. Thus, qualified women are especially encouraged to apply.

We look forward to your application, indicating the reference number **UB-19/16**, via email or postal mail until **22.09.2019** to the



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For any subject-related questions please contact
Dr. Annette Klein (annette.klein@bib.uni-mannheim.de).

Information on the processing of personal data according to article 13 of the GDPR is provided on the Universities website, section „Employment Opportunities“ (<https://www.uni-mannheim.de/universitaet/stellenanzeigen/datenschutz-bei-bewerbungen/>).

Please be aware that breach of confidentiality and unauthorized access by a third party cannot be excluded for a communication without encryption. The submitted documents will be sent back only if a stamped addressed envelope is enclosed.

Otherwise they will be deleted after completion of the application procedure according to the laws of data protection. Electronic applications will be deleted appropriately.