



## AKADEMIE DER WISSENSCHAFTEN UND DER LITERATUR

In the context of NFDI4Culture the **Academy of Sciences and Literature | Mainz** is seeking for a

### **Data Scientist (m/f/d) (EG 13 TV-L)**

for the **Centre for Digital Music Documentation (CDMD)** to start as soon as possible and initially for a three-year term.

The Academy of Sciences and Literature is a Germany-wide association of scientists and scholars and at the same time a funding institution for research projects in the humanities. Since 2020, the Academy acts as hosting institution of NFDI4Culture, the consortium for research data on tangible and intangible cultural assets in the National Research Data Infrastructure (NFDI).

Within the framework of NFDI4Culture and under the umbrella of the Academy, the CDMD works on the cross-linking of musicological projects. It develops digital strategies and applications for making music-related data accessible. It operates at the interface between musicology and digital humanities. The position is part of NFDI4Culture Task Area 2 "Data standards, data quality, data curation". As team member you work together closely with colleagues of the Academy, SLUB Dresden, RISM Digital Center Bern und RISM Editorial Office Frankfurt (Main).

#### **Your tasks**

- Work with the different partners throughout the RISM community to improve, enrich and link the RISM authority and bibliographic datasets
- Perform data mining and data analysis tasks to identify opportunities for data mapping and data cleaning
- Develop custom algorithms and tools to be integrated into the RISM digital ecosystem, with Muscat in the first place
- Setup collaborative data management workflows
- Establish processes and tools to monitor and analyze workflow performance and data accuracy
- Presentation of project results at (inter)national conferences and in scientific publications

#### **Our offer**

- Employment as a research assistant (m/f/d) for further qualification on a part-time basis (65%) or with a completed doctorate on a full-time basis (100%)
- Salary according to grade 13 TV-L, taking into account qualifications and professional experience
- Company pension scheme, health promotion as well as individual training and further education offers
- Modern and individually configurable office and IT equipment
- Flexible working hours and individual part-time models
- Collegial working atmosphere in a dynamic, interdisciplinary team

#### **Requirements**

- University degree (Master) either in musicology or in the field of computer science, information science, digital humanities or comparable subjects.
- Willingness to complete or already completed a doctorate
- Understanding of musicological research projects and issues
- Practical experience in the field of data science and software development
- Knowledge of current web technologies and programming languages (e.g. Python, Ruby on Rails, JavaScript, XML)

The Academy strives to increase the proportion of female academics in research and therefore strongly encourages suitably qualified women to apply. Severely disabled persons will be given preference in the case of equal suitability.

Ideally, a sample of work (code or software publication) or a reference project should be submitted together with the application documents.

Please send any queries and your application (a PDF file) with a short cover letter and significant documents **by May 31th, 2021** to the:

**Generalsekretär der Akademie der Wissenschaften und der Literatur Mainz**  
**Geschwister-Scholl-Str. 2**  
**55131 Mainz**  
[generalsekretariat@adwmainz.de](mailto:generalsekretariat@adwmainz.de)

Further information on the Academy of Sciences and Literature can be found at <http://www.adwmainz.de>.

The protection of applicants' personal data is a top priority for the Academy of Sciences and Literature.

The personal data you provide us with will only be used within the framework of the selection procedure. Personal data will not be used for any other purpose. Your application will be stored internally until the selection procedure is completed and then deleted. Your data will not be passed on to third parties.

Unfortunately, application and interview costs cannot be reimbursed.

Please note that given the current epidemiological situation, the personal interview may be replaced by a meeting by electronic means.