

The Leibniz Institute for Financial Research SAFE – Sustainable Architecture for Finance in Europe – (<https://safe-frankfurt.de>) in Frankfurt promotes high-quality research and independent policy advice on all aspects dealing with the structure and functioning of the financial system. It is committed to contributing to the strengthening of a sustainable and resilient financial architecture that promotes innovation and serves the needs of the economy and its citizens. Researchers from the fields of economics, law, and political science collaborate at SAFE.

**SAFE** is seeking to fill the position of a

**Research Assistant/Doctoral Student (f/m/d)  
in the Research Data Center  
(up to 70%, salary group E13 TV-H)**

starting as soon as possible.

### Your Tasks

The research assistant/doctoral student will be part of the team that designs and builds a unique historical German firm and stock market database starting in the late 19<sup>th</sup> century. This process includes the extraction, transformation, and loading of raw data (derived from scans of historical sources) into a relational database. After that, economic entities are identified for each reporting year, linked over time, and merged across sources. The database will be enriched with publicly available data (e.g., georeferencing and Wikidata). After completing data validation procedures, the database will be made available to the research community. The database will allow for unique research opportunities. The research assistant/ doctoral student is invited to contribute to SAFE's research agenda in this area. As a member of the Data Center team, the research assistant/doctoral student will contribute to the center's further development.

### Your Profile

- Successful candidates have acquired (or are about to complete) a master's degree in economic history, finance, economics, business informatics, computer science, mathematics, or a related field with excellent grades. Candidates without a background in economics are expected to be willing to acquire solid knowledge in economics and finance.
- Having completed or currently completing the qualification phase of a PhD program is a plus.
- Very good programming skills and experience with relational databases are required. Good knowledge in Python and SQL is particularly welcome.
- Ideal candidates have implemented their first data-related project(s) and have a strong motivation to conduct high-quality research.
- Very good English language skills are required. German language skills are very welcome, as most data sources are in German.
- Candidates should work independently and are willing to familiarize themselves with new topics and methods including machine learning and the handling of large data sets.

### We offer

The infrastructure of a modern research center with excellent contacts to the scientific and financial community. You will be working in a very attractive working environment in the House of Finance at Goethe University and with an enthusiastic team of colleagues. Compensation will be **70% of a full-time position** in accordance with the standards of the public services wage agreement of the State of Hesse (TV-H E 13); students enrolled in a PhD program with ongoing course work (e.g., GSEFM, 2<sup>nd</sup> year) will be offered a two-step contract with 50% during the time of the course work and an upgrade to

70% for the PhD phase. The employment contract has an initial duration of **up to 3 years depending on the state of qualification**.

SAFE seeks to increase the share of women in research and thus strongly encourages female scholars to apply. We are also committed to promote the inclusion of persons with disabilities and therefore invite them to apply.

**Your application:** Please submit your application, together with the usual credentials (CV, letter of motivation, transcripts etc.), by mail to Leibniz Institute for Financial Research SAFE, House of Finance, Theodor-W.-Adorno-Platz 3, 60323 Frankfurt am Main, Germany or electronically by email to [applications@safe-frankfurt.de](mailto:applications@safe-frankfurt.de) by adding **APPLICATION Research Assistant Historical Database** in the subject line of your email.

**Deadline** for the submission is **5 July 2022**.

Should you have any questions please contact Prof. Dr. Alexander Hillert via email: [hillert@safe-frankfurt.de](mailto:hillert@safe-frankfurt.de).