



The University of Lübeck is known for its excellent research and excellent teaching. We are a modern foundation university with thematically focused courses. Under the motto "Focus on life", we as a life science university offer a spectrum from medicine, health sciences and psychology to mathematics, computer science, natural sciences and technology.

There is a position at the Institute of Information Systems (Director: Prof. Dr. R. Möller; Research group of Prof. Dr. S. Groppe) of the University of Lübeck as soon as possible to be filled as

### **PhD student (m/f/d)**

for a limited period of 36 months in full time (38,7 hours per week). The position is funded by the German Research Foundation (DFG). The opportunity for academic qualification for retrieving the Doctor title is given.

The position is part of a joint research project with the Université de Paris (with a focus on data quality) and Université Paul Sabatier (in Toulouse with a focus on natural language processing). The employee at the University of Lübeck will mainly deal with knowledge graphs, data analysis and visualizations.

Our project is concerned with generating high-quality knowledge graphs for emerging English, French and German trends using the example of the COVID-19 pandemic. The aim is to get a general overview of the trends in how facts develop across time and languages, and to carry out a high-quality assessment of these facts in enriched knowledge graphs to support further analysis with meaningful visualizations.

#### **Main areas of activity:**

- Integration of data sources
- Semi- and automatic creation of knowledge graphs
- Data analysis and visualization of the analysis results

#### **Requirements:**

- Very good degree (master's degree or comparable) in computer science or a comparable course of study
- Good knowledge of English, communicative and reliable, knowledge of French is an advantage
- Experience in software development
- Knowledge of the semantic web/knowledge graphs, data analysis and visualizations are an advantage

The grouping takes place in accordance with the automatic tariff if the tariff requirements are fulfilled up to pay group 13 TV-L. A final job evaluation is reserved.

The University of Lübeck sees itself as a modern and cosmopolitan employer. We welcome your application regardless of your age, gender, cultural and social origin, religion, worldview, disability or sexual identity. We promote gender equality. Women will be given priority if they have equal suitability, ability and professional performance. As an applicant with severe disabilities or an equivalent person, we will give you priority if you are suitable.

If you have any further questions about the job position, please contact Prof. Dr. Sven Groppe (groppe@ifis.uni-luebeck.de, phone +49 451 3101 5706), who will be happy to help.

Please send written applications with the usual documents (cover letter with research interests, curriculum vitae, certificates) stating the reference number **1003/22** in a PDF document by January 31, 2022 (date of receipt) at the latest to [bewerbung@uni-luebeck.de](mailto:bewerbung@uni-luebeck.de) or by post to:

**Universität zu Lübeck – Die Präsidentin – Referat Personal**  
**Ratzeburger Allee 160, 23562 Lübeck**