**UNIVERSITY OF MANNHEIM**
Business School

The **Chair for Data-Science in the Economic and Social Sciences** is offering several full-time positions as

# PhD student (all genders)

starting as soon as possible.

We are seeking to fill multiple PhD student positions to conduct cutting edge research on the intersection of data-science/artificial intelligence and the economic and social sciences.

The Chair for Data-Science is part of the Mannheim Center for Data-Science facilitating interdisciplinary data-driven research at the University of Mannheim. We are a small interdisciplinary team with diverse technical and social backgrounds and skill sets.

**Your tasks include:**

- connecting latest research from social science fields (such as bias, inequality, surveys, measurement) with current research topics and methods from computer science (Large Language Models, Machine Learning, Social Networks, Public Blockchains)
- developing and/or applying data-science methods including methods for processing textual and relational data. This includes approaches from fields such as Machine Learning, Artificial Intelligence, and Natural Language Processing
- utilising state-of-the-art research tools such as Large Language Models, Network and Graph Embeddings, Agent-based Simulations
- contributing to the teaching (4 academic hours/week/semester) and administrative duties of the chair

**Your profile:**

- a keen interest in research, in particular problems on the intersection between data-science/artificial intelligence and economic and social sciences
- an M.Sc. degree in data science, a quantitative social science, or a field related to computer and social sciences
- very good grades for courses related to these positions
- first experience with research and with deploying computational tools in an interdisciplinary context

The **University of Mannheim** is one of the leading universities in Germany with approximately 12,000 students in five schools. Particularly in business and economics as well as in the social sciences the university ranks among the top institutions both at national and international level. More than 2,600 employees profit from an exciting work environment with numerous benefits.

**Key information**

**Start:** as soon as possible

**Term:** initially for 3 years with the possibility of extension

**Remuneration bracket:** E 13 TV-L BW

**Weekly hours:** 39,5 hours, the positions are generally suitable for job sharing

**Location:**
University of Mannheim in Mannheim

**Application deadline:**
30 Juni 2024

**Reference number**: DESS-01

## What we offer:

- work on research problems with a social impact
- an exciting research environment with opportunities to work with state-of-the-art computational methods and techniques
- an opportunity to obtain your PhD in one of the following disciplines: management, business informatics, social science methodology, or sociology
- close supervision and a friendly work environment
- a full time position – E 13 TV-L (100%)

**Outstanding research culture**

**Positive working atmosphere**

**Innovative academic working environment**

**International orientation**

**Central location in the city center**

**Flexible work time and workplace models (flexitime, telework)**

Applications from persons with a disability (minimum 50 %) are given preferential consideration provided that they are appropriately qualified. The University of Mannheim is committed to increasing the quota of women and thus encourages women with appropriate qualifications to apply.

If you are interested in applying, please send your application documents via e-mail **by 30 June 2024 at the latest**:

**office.strohmaier@uni-mannheim.de**

If you have any questions about the position, please contact Prof. Dr. Markus Strohmaier at

office.strohmaier@uni-mannheim.de