

## Student assistant position: Implementation of anonymization techniques

The project's main purpose to implement an optimization model for a combination of anonymization techniques.

### Your tasks:

- Your main task is to apply anonymization techniques (k-anonymity, differential privacy, data separation) to medical data
- Applying machine learning algorithms to the resulting anonymized data
- Installing any required softwares or libraries
- Benchmark system with large data sets

### Your profile:

- You are studying computer science or a comparable field of study
- Good knowledge in a programming language like Python
- Good knowledge of English or German
- You are curious about new technologies & motivated to bring projects to success together with the team
- Nice to have knowledge of mathematical optimization (like integer linear programming) or machine learning algorithms (like clustering/classification)

Apply now by sending us your up-to-date CV to [wiese@mathematik.uni-frankfurt.de](mailto:wiese@mathematik.uni-frankfurt.de)  
We are looking forward to your application.

### Why work with us?

- You contribute to a very demanding topic that could impact the analysis of medical data
- You can develop and implement your own ideas
- You can work independently and flexibly
- Academic and research-oriented working environment
- Opportunity to employ your gained experience towards thesis and projects.
- Opportunity to contribute to group research papers in workshops, conferences, and journals.
- Corporate Benefit Advantage Platform

### Contact:

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