

Computer scientist/data scientist for research data management and analysis (m/f/d)

Abteilung für Infektions- und Tropenmedizin

The Hospital of the University of Munich, Germany, is one of the largest and most competitive university hospitals in Germany and Europe. 48 specialized hospitals, departments and institutions harbouring excellent research and education provide patient care at the highest medical level with around 11.000 employees.

Place of work	Campus Innenstadt	Date of entry	Next Possible Date
Working hours	Full time	Application deadline	Promptly
Area	Forschung	Reference Number	2021-K-0197

Scope of duties

The Division of Infectious Diseases and Tropical Medicine at Munich University Hospital is one of the leading centres in Germany for the conduct of clinical trials and observational studies regarding HIV, TB and other poverty related diseases.

Inside the division a team for research data management and data analysis is forming, for which we are looking for a strong data analyst to help bridging the data flow from databanks/databases to data analysis. The successful candidate will be part of a team of data managers, statisticians and epidemiologists working closely together with physicians in international projects to design future clinical studies and extract insight from already captured medical and environmental data.

Our requirements

Responsibilities:

- Setup and maintenance of server infrastructure for research
- Development of automated ETL processes for medical data
- Data management using database systems and connected frontends such as OpenClinica/OpenDataKit/DHIS2
- Independent data analysis using machine learning methods
- Scientific publication of methods and results together with study teams
- Support of clinical studies
- Support of grant applications

Essential Skills & Capabilities:

- MSc or PhD in Computer Science/Data Science/Statistics/Mathematics/Physics or similar
- Strong programming skills (preferably in R, Python, Bash)

Knowledge of :

- Server administration
- Databases (SQL)
- Version control with git
- Basic knowledge of:
- Statistics
- Data analysis
- Web development
- Interest in life science
- Excellent collaboration and communication skills
- Working knowledge of English and German

Our offer

Terms and Conditions: Fixed term contract (one year) with a possibility of extension, based on third party funding regulations according to "Wissenschaftszeitvertragsgesetz". Salary according to German public service scale (TV-L) depending on qualification and experience.


Disabled persons will be preferentially considered in case of equal qualification. Presentation costs cannot be refunded.


Your application – preferably in electronic form – should be directed to:

Prof. Dr. Michael Hölscher; University Hospital, LMU Munich; Division of Infectious Diseases and Tropical Medicine; Leopoldstrasse 7; 80802 Muenchen

Please note that in case of transmitting your job application by e-mail, your data will not be encrypted and might potentially be read or corrupted by unauthorized third parties. You are welcome to send us your documents by mail.

Offers and services of the employer


 Further education and training

 Company pension scheme

 Childcare services

 Job ticket

 Discounts

 Staff accommodation

Contact for questions

Dr. Elmar Saathoff



089 4400 59812

Application address

LMU Clinic

Prof. Dr. Michael Hölscher Division of Infectious Diseases and Tropical Medicine



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80802 Munich

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