



Data scientist (m/f/d)

wanted from **March 2024** at the **Department of Infectious Diseases and Tropical Medicine**.

Who we are: The Department of Infectious Disease and Tropical Medicine at Heidelberg University Hospital has a clinical and research mandate. We are embedded in a university campus with a strong interdisciplinary health research focus (incl. the Heidelberg Institute for Global Health). We are a diverse and interdisciplinary team of people from around the globe, all passionate about Global health, focusing on applying various methods with the goal to develop, validate and implement novel diagnostic tests that reach people and get them to the right therapy (For further info on the team and research: www.denkglobaldx.org).

We need your expertise, passion and drive to support the team. The position is limited to 2 years with the intention to acquire additional grant funding to make it longer term. The position will be based in Heidelberg, Germany; partial remote work will be possible.

Job-ID: V000012041

Field of application: Sektion Infektions- und Tropenmedizin

Location: Heidelberg

Start date: March 2024

Job Category: Science and teaching

Working hours: full-time (100%)

Published: 13.11.2023

Limitation: Temporary (24 months - extension is sought)

Contract:TV-L

Your Tasks

As a Data scientist, you will contribute to several ongoing projects in the team which require advanced data analysis. You will also be expected to lead methodologically on projects that focus on data analysis to develop new diagnostic prediction tools. There will be opportunities to develop your own ideas on projects and apply for funding.

Job responsibilities will include:

- Analyzing large data sets and developing prediction tools based on traditional structured database tools and “big data” approaches with a special focus on Bayesian analysis
- Designing, conducting, and interpreting statistical analysis, including analysis of clinical trial data;
- Engaging with project collaborators, stakeholders and international organizations (incl. WHO) in large international projects

- Writing of manuscripts for publication and preparing scientific/project presentations (incl. travel for presentations)
- Supporting/leading grant development activities

Your Profile

- Master or PhD degree in (Bio-)Statistics, Mathematics, Computer science, Epidemiology, or a related field
- Minimum 2 years of experience in data analyses using frequentist and Bayesian approaches. Experience in machine learning techniques would be an asset
- Proficiency in coding and analysis using R, SAS, python, STATA or similar applications; ability to provide custom-designed reports and presentations of data
- Experience in implementing and evaluating data management systems
- Ability to work independently and on a result-oriented basis. Willingness to expand knowledge base and take on new topics. Effective communication.

What we offer

- Possibility of mobile working and flexible working hours within the framework of flexitime
- Possibility of doctorate
- Possibility to publish scientifically is offered and supported
- Regular team meetings and interdisciplinary cooperation
- Possibility to take over project responsibility
- Collectively agreed remuneration, attractive company pension scheme (VBL)
- 30 days vacation
- Sustainable travel: job ticket
- Family-friendly working environment: cooperative arrangements for childcare, subsidy for child vacation care, advice for employees with relatives in need of care
- Wide range of health, prevention and sports offers

Contact & Application

For further information please contact Sabine Viebrock via e-mail.

Interested?

Applications will be accepted until 15.01.2024 via e-mail. Please send a motivation letter and CV with subject: Data scientist.

Sektion Infektions- und Tropenmedizin
Sabine Viebrock, Project manager
Im Neuenheimer Feld 324
69120 Heidelberg
Sabine.viebrock@uni-heidelberg.de

Please note that the UKHD is subject to the provisions of the Infection Protection Act. Therefore, valid proof of measles immunity is required for all persons employed at the UKHD.

We stand for equal opportunities. Severely disabled persons are given priority in the case of equal suitability. The University Hospital aims to generally increase the proportion of women in all areas and positions in which women are underrepresented. Qualified women are therefore particularly encouraged to apply. Full-time positions are generally divisible, unless there are official or legal reasons to the contrary.

© 2023 Universitätsklinikum Heidelberg