



The German Federal Institute for Risk Assessment (BfR) is the national institute which prepares expert reports and opinions on questions of food, feed and chemical safety and consumer health protection in Germany on the basis of internationally recognised scientific assessment criteria. It advises the Federal Government and other institutions and interest groups in these areas. The BfR conducts independent research on topics that are closely linked to its assessment tasks. It is an institution with legal capacity within the portfolio of the Federal Ministry of Food and Agriculture (BMEL).

In the department Biological Safety of the BfR, in the unit “Epidemiology, Zoonoses and Antibiotic Resistance” as part of the externally funded project KIDA from immediately temporary the following position is available until 31.12.2023:

Software developer / research assistant for the AI and Data Accelerator project (f/m/x)

Reference number: 3181/2022 | Salary group 13 TVöD | Place of employment: Berlin | Application deadline 31.01.2023

Part-time employment is possible.

Remuneration will be paid in line with the tasks undertaken and the applicant's qualifications.

Tasks:

An AI and Data Accelerator is being set up as part of the long-term cooperation between the research and advisory institutions (BfR, BVL, DBFZ, FLI, JKI, MRI and Thünen Institute) within the division of the Federal Ministry of Food and Agriculture. This AI and Data Accelerator is intended to serve as an “enabler” and “think tank” to build and strengthen competencies in the field of AI and data. The scientists located at the above-mentioned institutions will design and implement tailor-made solutions, structures and processes for the respective institution as well as cross-institutional measures. The focus of the project is on joint solutions and the use of synergies.

We need your support to set up the AI and Data Accelerator!

The individual tasks include:

- Participation in the AI and Data Accelerator project
- Adaptation of data models in the food safety sector
- Creation and implementation of the database security concept
- Preparation of laboratory and prevalence data for machine-readable provision and for the provision of preformed data analyses
- Conception, development and implementation of public and protected web-based services for data retrieval and data collection with an intuitive user interface
- Technical conception and implementation of workflows for the validation, analysis, visualisation and reporting of laboratory and monitoring data, possibly also external data sources
- Identification and professional integration of existing and relevant BfR data sources into the institute's own software solutions
- Coordination of the work with the relevant organisational units
- Participation in the scientific work of the specialist group undertaken on behalf of public services

- Creation of scientific publications and presentation of results at specialist conferences

Requirements:

- degree University degree (Master, diploma or similar university degree) in mathematics, computer science, bioinformatics, epidemiology or a similar subject
- Demonstrable experience in dealing with biological issues and a high level of technical understanding are required
- Experience with relational databases and SQL desired
- Programming skills in a C-family programming language (e.g. Python, Java, Javascript) and the willingness to learn Typescript
- Programming knowledge in web development (HTML, CSS, JavaScript/Typescript) and experience with a frontend framework (Angular, React or Vue) desired
- Practical experience in the management and processing of large amounts of data is desirable
- High level of communication skills and organisational skills
- Good knowledge of spoken and written German and English is required
- A conscientious way of working, flexibility, teamwork and resilience are expected

What we can offer you:

- A varied range of tasks in a growing departmental research institution
- Flexible working hours without fixed working hours
- 30 days' annual leave (5-day week) plus 24 and 31 December as non-working days
- Job ticket with a monthly employer contribution up to EUR 40
- Additional days-off options via time credits
- Mobile working options
- Very good connection to the public transport network
- Comprehensive further training opportunities for professional and personal development within the context of your position
- VBL company pension / capital-forming benefits
- Employee welfare (AWO) family service

Application process:

Does this position appeal to you?

[Apply online](#)

Then please apply by **31. January 2023** via our online system. Please address any questions in connection with the application process to bewerbung@bfr.bund.de.

– Please do not send any applications to this email address –

If you cannot apply online, please send a postal application to [Bundesinstitut für Risikobewertung / Personalreferat / Max-Dohrn-Str. 8- 10 / 10589 Berlin](#)

Please address any questions about the area of responsibility to:

Dr. Tölle **Tel.: + 49 (0)3018412-24315**

Dr. Tenhagen **Tel.: + 49 (0)3018412-24301**

You will find more information on our homepage: www.bfr.bund.de/de/stellenanzeigen

The BfR welcomes applications from people of all nationalities.

The BfR is an innovative scientific institute offering family-friendly working conditions. The BfR was awarded the "audit berufundfamilie®" (work and family) certificate. The BfR guarantees equal career opportunities for women and men. In the case of equal suitability, severely disabled applicants will be given preferential consideration and are only required to have a minimum level of physical suitability.

