As part of the German government's artificial intelligence (AI) strategy, the successful Saxon competence center **ScaDS.AI Dresden/Leipzig** (Center for Scalable Data Analytics and Artificial Intelligence) is being expanded into a leading German AI competence center for Big Data and Artificial Intelligence (AI). The **TUD Dresden University of Technology** embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

The **Center for Interdisciplinary Digital Sciences (CIDS)** and the **Department for Scalable Data Analytics and Artificial Intelligence (ScaDS.AI Dresden)** offers a position as

Research Associate / Postdoc (m/f/x)
(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the **earliest possible date**. The position is limited to two years, with the option of extension. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG). A shorter contract term is possible by arrangement. The position aims at obtaining further academic qualification.

Professional assignment: Chair of Scalable Software Architectures for Data Analytics (Prof. Dr. Michael Färber).

Research areas: Natural Language Processing, Large Language Models, Knowledge Graphs, and related fields (e.g., Graph Machine Learning).

Tasks:

- conducting independent scientific research in the above research areas, with the goal of publishing and presenting at top-tier (CORE A) conferences and journals
- initiating and writing research grant proposals
- collaborating on national and international research projects, including potential partnerships with industry
- supervision and mentoring of PhD students
- scientific teaching activities (e.g., seminars; no foundational lectures)

The position comes with access to high performance computing resources and access to training opportunities within ScaDS.AI.

Requirements:

- university and PhD degree or imminent PhD degree in Computer Science, Artificial Intelligence, Mathematics, Physics, Computational Linguistics or a closely related field
- a strong publication record in one or more of the above research areas
- hands-on experience with AI (NLP/ML) model development, ideally in an HPC environment
- a strong passion for publishing scientific research and applying for research grants
- excellent written and spoken English skills

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application including the usual documents (e.g., cover letter, CV, and other supporting documents) quoting the **job identification „ScaDS.AI Färber E 13"** by **July 15, 2025**

(stamped arrival date of the university central mail service or the time stamp on the email server of TUD applies), preferably via the TUD SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf file to **jobs-scads.ai@tu-dresden.de** or to: **TU Dresden, ScaDS.AI, Herrn Prof. Dr.-Ing. Michael Färber, Helmholtzstr. 10, 01069 Dresden, Germany**. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews can be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tu-dresden.de/karriere/datenschutzhinweis.