

Would you like to support science and research? Welcome to **SHARE BERLIN Institute GmbH**, a non-profit organisation.

The *Survey of Health, Ageing and Retirement in Europe (SHARE)* is an international panel study established in 2004 that collects socio-economic and biomedical life course data from people aged 50 and over (approx. 160,000 to date) in almost 30 countries. It provides internationally comparable longitudinal microdata for scientific research and policy advice. As Europe's largest social science panel study and one of the major European research infrastructures in the field of social sciences, SHARE also has the legal form of a European Research Infrastructure Consortium (ERIC) since 2011.

The SHARE BERLIN Institute GmbH (SBI) is the seat of the central coordination of SHARE and related scientific research. The SBI was founded in 2022 by the Social Science Research Center Berlin (WZB), the German Institute for Economic Research (DIW Berlin), the Charité – Universitätsmedizin Berlin and the German Centre of Gerontology (DZA).

We are now seeking a motivated individual to join our team in an international and academically stimulating environment. We are offering an interesting and varied role with the opportunity to make a significant impact. The SHARE BERLIN Institute GmbH (SBI) is looking for

## Student assistants to support machine learning projects within the SHARE survey (6-8h/week)

to support the activities of the SHARE Germany team.

### Your tasks:

As a student assistant, your main task would be to **support us in the machine learning related projects** we are running for survey research and improvement of the SHARE infrastructure. Currently these are related to **automatic scoring of dementia screening tests** in SHARE (see <https://arxiv.org/abs/2312.16887>) using convolutional neural networks and **automatic coding of job descriptions** using language models. We would discuss the specific tasks with you, taking into account our current needs as well as your skills and interests.

### Your profile:

- A general interest in machine learning and survey data
- Studying a related field, e.g. sociology, psychology, computer science, economics, statistics
- Helpful skills (not mandatory): Python, R, STATA, VS Code, Linux, Git and/or LaTeX
- Some programming experience
- Good English and/or German language skills
- Self-motivated and ability to work independently

### Our offer for you:

- A friendly, encouraging, and international work environment
- Hands-on experience and development of practical skills for machine learning projects
- Work on one of Europe's largest interdisciplinary studies collecting social research data
- Flexible working arrangements (6-8h/week, other hours possible, remote and/or on-site)
- Payment in accordance with TV-Stud III
- Contract until the end of the university semester, with extension possibility
- Possible support for writing theses based on SHARE data

SHARE BERLIN Institute GmbH attaches great importance to diversity. We look forward to every qualified application regardless of age, health and physical impairment, gender and gender identity, nationality, ethnic and social origin, religion, ideology or sexual orientation. Occupational equality of the sexes is guaranteed.

### **Are you interested?**

Then we look forward to receiving your application including a cover letter with motivation for the position, informative CV, and references, in one single pdf document stating your earliest starting date to Sylvia Becker by e-mail to [applications@share-berlin.eu](mailto:applications@share-berlin.eu) no later than **31.03.2025**. Please name your files starting with your last name.