The Chair of Statistics and Data Science at Humboldt-Universität Berlin invites applications

1 Doctoral research fellow with expected 75% part-time employment – E 13 TV-L HU
(third-party funding, limited for presumably 3 years)

within the Emmy Noether group "Regression Models beyond the Mean – A Bayesian Approach to Machine Learning" funded by the German Research Foundation (DFG).

Job description: The DFG-funded Emmy Noether group "Regression Models beyond the Mean – A Bayesian Approach to Machine Learning" invites applications for a PhD position to contribute to the development and application of statistically informed models at the interface between Bayesian methods and machine learning. The research position is associated with the Chair of Statistics and Data Science at Humboldt-Universität Berlin. Opportunities for own scientific qualification (PhD) are provided. The chair has an excellent international and interdisciplinary network and conducts activities in important scientific communities in the field to benefit from. The vibrant international network includes established collaborations in Singapore and Australia. The position offers integration into a team of highly qualified Statisticians and the potential to closely work with several applied sciences in interdisciplinary collaborations. Information about the research profile of the research group and further contact details can be found through the following link: https://hu.berlin/ENG-StatML

Requirements:
- Completed Master in Statistics, Mathematics, Computer Science or related field with specialization in Statistics, Data Science or Mathematics;
- a strong background in at least one of the following fields: Bayesian statistics, computational methods, machine or statistical learning approaches, advanced regression modelling;
- good mathematical skills;
- substantial experience in scientific programming with Matlab, Python, C/C++ or R;
- strong interest in developing novel statistical methodology and its applications in various fields such as economics or natural and life sciences;
- very good communication skills and team experience, proficiency of the written and spoken English language (German is not obligatory).

Please send your application (including a CV, a motivational statement (at most one page) explaining the applicant's interest in the position as well as their relevant skills and experience, copies of degrees/university transcripts, names and email addresses of at least one professor that may provide letters of recommendation directly to the hiring committee) as a single PDF file to nadja.klein@hu-berlin.de. Please indicate "Research Position Emmy Noether". For further information please contact the project leader Prof. Dr. Nadja Klein (nadja.klein@hu-berlin.de) directly.

HU is seeking to increase the proportion of women in research and teaching, and specifically encourages qualified female scholars to apply. Severely disabled applicants with equivalent qualifications will be given preferential consideration. People with an immigration background is specifically encouraged to apply.