The research group Knowledge & Data Engineering at the University of Kassel announces a
PhD position (salary scale TV-H E13, 100%)
in the context of the LOEWE-Project “Dimension Curse Detector”. The position is supervised
by the principle investigator Dr. Tom Hanika in cooperation with Prof. Dr. Gerd Stumme and
Prof. Dr. Martin Schneider (TU Freiberg). The group’s emphasis is on researching and developing
methods and algorithms at the confluence of Knowledge Discovery, Artificial Intelligence and
Mathematics. The research project aims at exhibiting concentration phenomena in the realm of
high-dimensional machine learning and data science applications.

We welcome talented and highly motivated candidates with knowledge in discrete structures or
mathematical foundations of machine learning, as well as good programming skills in Python,
GNU R, C, Fortran, or Java. Furthermore, a high social competency and a very good command
of the English language are expected.

Applicants to the PhD position must have a relevant Master’s degree (or equivalent) in Computer
Science, Mathematics, Physics or a related field.

The position is (at first) limited to 2 years (cf. Qualifikationsstelle gem. § 65 HHG i. V. m. § 2 Abs.
1 Satz 1 WissZeitVG; Promotionsmöglichkeit).

The University of Kassel is an equal opportunity employer. A significant increase in the pro-
portion of women in research and teaching is being sought. Qualified women are therefo-
re expressly invited to apply. In case of equal qualification, persons with disabilities who
are severely handicapped will be given preferential consideration. Please submit your com-
plete application (including all necessary documents and a letter of intent) via the portal
http://www.uni-kassel.de/go/dcdposition/.

Applications are accepted as of now until 2022-02-15.