Career Perspectives

Data scientists are sought after in all sectors. Big industry players are eagerly hiring experts that can make knowledge out of data. Small companies, especially start-ups, but also traditional institutions like hospitals and the public sector are looking for people who Master the DKE methods and understand how to apply them.

The Master DKE prepares also for more traditional career paths, like IT-consulting and project management, with emphasis on data-intensive, knowledge-generating applications.

In the team projects and of course in the Master Thesis of your studies, you get also the chance to touch the borders of current state-of-the-art. If you find research fascinating, you will get from Master DKE the foundations for further studies towards a PhD degree – to push the borders of Data Science one step further.

Master Theses are often made in cooperation with companies, ranging from automotive industry to web service providers, or with other external institutions, including public administration, hospitals and medical research centers. This gives you the chance of getting acquainted with the workflows and work subjects of a prospective employer. Team projects are also sometimes offered in cooperation with such external institutions, who provide e.g. real data for a data analytics task.

Prerequisites for the Master Data and Knowledge Engineering

The Master DKE is a four-semester degree. It requires a 6-semester bachelor as minimal prerequisite. You must bring adequate background in Computer Science, a good grade of your previous studies.

For the Master DKE, you do not need to have studied Computer Science: any recent degree in a relevant field is appropriate, as long as it includes at least 10 Computer Science courses (not simple labs).

You must have finished your degree with a good grade; Data Science is demanding. You must be proficient on either English or German; one language is sufficient for the M-DKE, although those speaking both languages have more choice among the courses.

For more information, visit us at: http://www.fin.ovgu.de/mdke.html
How to apply

The Master DKE enrolls both in the winter term and in the summer term. You will find the submission deadlines for each term under:

http://www.ovgu.de/en/Education.html

Applications must be submitted via uni-assist.

Further details and up-to-date information regarding the admission process will be provided on the website mentioned above. This includes fill-in forms, the list of documents to submit, the general admission requirements and information regarding the application procedure itself.

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