CLASS OF 2020: BERTELSMANN
DATA SCIENCE PROGRAM

Full-time (40h), Trainee Program // international // Bertelsmann

Job duties
• Designing new data products and developing big data capabilities in order to address business model challenges and offer solutions
• Collaborating with international teams to drive usage and adoption of new data products and capabilities
• Using and further enhancing machine learning methods and tools
• Understanding and leveraging new data sources and integrate traditional structured data with raw data from websites, social media and third parties
• Modeling and framing business scenarios that are meaningful and impact critical business decisions
• Supporting change within the organization

Job requirements
• M.Sc. or Ph.D. in a quantitative field such as Data Science, Computer Science, Statistics, Engineering, Applied Mathematics, Physics or related topics
• Advanced knowledge of standard methods across the entire data science pipeline
• Proven experience working with data science (via internships, research projects etc.)
• Problem-solving mindset with strong relationship building, collaborative and communication skills
• Geographic flexibility; travel and relocation will be required
• Strong knowledge of machine learning methods
• Solid programming skills in Python and R; additional programming languages such as SAS, Scala, Spark, C/C++ and/or Java
• Knowledge of databases, database concepts, database design and related languages / tools such as SQL, NoSQL, Hive, etc.
• Foreign languages
• Experience with mining massive data sets (ex. with Hadoop) and Visual storytelling expertise are a plus