DATA SCIENTIST (M/F/D)


Job duties
• Execute on end-to-end data science projects (ideation, data collection/engineering, modeling/machine learning, interpretation/visualization, productization)
• Develop data-driven products that help (1) automate processes, (2) increase productivity, (3) cut costs, and (4) create new revenue opportunities.
• Work with large, complex data sets to solve difficult, non-routine analysis problems, and apply advanced analytical methods as needed.
• Keep up to date on new technologies and trends in data science, and EdTech (20% of the time is reserved for relevant personal projects and self-study).
• Develop data science best practices on a BEG Data Lab group level, to enable knowledge transfer among all portfolio companies. Collaborate with other Bertelsmann divisions, to foster cross-divisional learning

Job requirements
• BA/BS/MS or higher in Computer Science, Math, Physics, Engineering, Statistics, Operations Research, Analytics, Data Science, or another technical field
• 2 or more years experience with data analytics, econometrics, statistical modeling/machine learning, or other quantitative topics
• Experience with programming languages such as Python (preferred) or R (especially for data analysis) with a good working knowledge of database languages (e.g., SQL)
• Proficiency in common data science libraries (e.g., sklearn, pandas, dplyr, etc.)
• Ability to analyze and present complex information concisely
• Ability to adapt to rapidly changing technologies, priorities, or goals
• Effective written and verbal communication skills with both technical and business audiences
• Strong problem-solving skills and intellectual curiosity
• Experience with NLP, Deep Learning, and/or Recommendation Systems a plus
• Experience with distributed computing (e.g., Spark or Hadoop) a plus
• Experience with cloud-based technologies (e.g., AWS, Azure, or GCP) a plus
• Experience in education a plus