Kai Bartlette

Job Search Techniques Activity

I searched Google for relevant job titles. Most were not local to me or remote but for the purpose of the assignment I listed any that were posted.

Top five skills were:  
Python  
R  
SQL  
Data analysis  
Statistical analysis  
Written and oral communication skills

**Data Engineer, Business Strategy and Operations, Core**

Experience with ETL activities such as data extraction, data transformation, batch processing, etc.

Experience with Java database programming

Experience building databases, data modeling, normalization, and/or database performance tuning

Experience with internal Google ETL or SQL tools

Skilled in analyzing database data

**Data Scientist, Operations Data Science**

Experience with statistical software (e.g., R, Python) and database languages (e.g., SQL)

Preferred qualifications:

PhD in Operations Research, Industrial Engineering, Statistics or related field.

4 years of relevant work experience (e.g., as a data scientist), including experience applying advanced analytics to planning and infrastructure problems.

Experience designing and building statistical forecasting models.

Experience designing and building machine learning models.

Excellent problem-framing, problem-solving and project management skills.

Experience designing and building optimization models.

**Technical Program Manager, Data Infrastructure, Responsible AI**

Bachelor's degree in engineering, a linguistics discipline, a similar technical field or equivalent practical experience

4 years of professional experience managing programs related to data warehousing, schema and ETL design and operation, quality assurance, and data analytics using SQL or Python

Experience managing data collection lifecycle to build ML based products for NLP

3 years of experience in vendor management, managing partnerships and processes with internal and external human computations platforms

Experience modeling dimensional data, designing data pipelines, and integrating data with systems using internal/external tools and infrastructure

Experience working on data analysis and quality frameworks

Experience with large scale data mining and/or information retrieval

Knowledge of the field of surveying, modeling, ingesting, and reconciling societal context knowledge

**People Analyst, Racial Equity**  
  
Bachelor's degree or equivalent practical experience.

7 years of work experience including experience conducting research about people in an academic or business setting.

Experience using business or survey data to conduct statistical analyses (e.g., correlation, regression, factor analysis, t-test, ANOVA).

Experience using SQL to query/manipulate data and R to conduct statistical analyses.

Exceptional written and oral communications skills, including ability to distill and communicate insights to senior leadership.

Demonstrated internal consulting, client management, and project management skills in matrixed organizational environments.

Background in Psychology, Organizational Behavior, Sociology, Behavioral Economics, African American Studies (or other demographic-related study field), a related field, or equivalent practical experience.

**Technical Writer, GoogleSQL, Core Data, Developer Docs**

Bachelor's degree or equivalent practical experience.

6 years of experience creating content for a technical audience (such as developer documentation, computer science course materials, and/or IT admin playbooks).

Experience with technologies (i.e., software or hardware systems) by investigation, experimentation (e.g., reading or running code), and/or interactions with Subject Matter Experts.

Experience working with database products and using SQL.

Experience writing content for an audience of software developers.

Experience that enables easy interaction with software developers and ability to deliver high-quality technical documentation.

Experience researching and writing effective documentation for engineers.