



# Example of Staff Data Scientist Job Description

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Our company is searching for experienced candidates for the position of staff data scientist. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for staff data scientist

- Manages a growing team of data scientists to build and maintain the models and provide business partnership with key stakeholders ... accountable for hiring, mentoring, performance management, and directing the work of others
- Identify opportunities for different NLP techniques and evaluate which are best
- Develop new analytics, diagnostics and metrics within the python-based CDAT software system based on user requirements
- Provide assistance to users of the CDAT and ESGF software systems
- Develop, maintain, and contribute to plans for new projects, maintenance releases, code management, and lifecycle replacement
- Employ moderately complex to complex software engineering methods to gather functional requirements, provide input and status for project tracking, conduct systems analysis, prototype using appropriate tools, and follow proven software and quality assurance methodologies
- Write and review technical and end-user documentation
- Give formal and informal presentations to staff members, external collaborators, and scientific conferences
- Contribute to publications of research results in technical reports and peer-reviewed journals
- Playing leading role in a data science or cross disciplinary team on commercially-facing development projects, typically involving large, complex data sets

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- Good understanding of specific challenges of working with Big Data, click-stream data and log files
  - Expertise in developing predictive models using traditional packages (SAS/SPSS/R...)
  - Proficient in database query language such as SQL (Oracle, Teradata, MS SQL...)
  - Experience in BigData technologies such as Hadoop/Hive/Hbase/NoSQL and developer skills in Python, Perl, and Java are highly desired
  - Experience in delivering results with visualization tools (BusinessObjects, QlikView, Tableau, Splunk, Kibana...)
  - Fluent communication and presentation skills in English