DATA Engineer

DataCamp
Learn Data Science By Doing

DATA Scientist

Develops, constructs, tests, and maintains architectures. Such as databases and large-scale processing systems.

Cleans, massages and organizes (big) data. Performs descriptive statistics and analysis to develop insights, build models and solve a business need.

Source: DataCamp

Responsibilities...

ON DAILY BASIS

Develop, construct, test, and maintain architectures (such as databases and large-scale processing systems)

Ensure architecture will support the requirements of the business

Discover opportunities for **data acquisition**

Develop data set processes for data modeling, mining and production

Employ a variety of languages and tools (e.g. scripting languages) to **marry systems together**

Recommend ways to **improve data** reliability, efficiency and quality

Conduct research to **answer industry and business questions**

Leverage large volumes of data from internal and external sources to answer that business

Employ sophisticated analytics programs, machine learning and statistical methods to **prepare data for use in predictive and prescriptive modeling**

Explore and examine data to **find hidden patterns**

Automate work through the use of predictive and prescriptive analytics

Tell stories to key stakeholders based on their analysis

Source: DataCamp