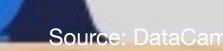
DATA Engineer



Scientist 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.



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