

Data Analyst vs Data Engineer vs Data Scientist



Data Analyst

- Analyzes numeric data and uses it to help companies take better decisions.
- Uses descriptive statistics and data base query languages to analyze and modify information.
- Performs data cleaning, filtering of the dataset and then performs data interpretation.
- Uses data visualizations techniques to represent data in the form of graphs, pie charts etc.
- Works on improving statistical efficiency, infers from data and draws final conclusions.

Data Engineer

- Responsible for development, construction and maintenance of the data architectures.
- Performing tests on big data platforms and handling errors occurred in the code.
- Creating robust and error free data pipelines for data efficiency and improve quality.
- Development of data processes for data modeling, mining and data production.
- Performs data warehousing and perform ETL(Extract, Transform and Load).

Data Scientist

- Interpret complex data and build models, deployment of end to end data science projects.
- Use machine learning and deep learning models to predict patterns in the dataset.
- Increase the efficiency of ML, DL algorithms for further performance optimization.
- Lead the team of data analysts, engineers in completion of projects as they know all domains.
- They should have great communication skills as they communicate with the consumers.

Thank You for Reading :)
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