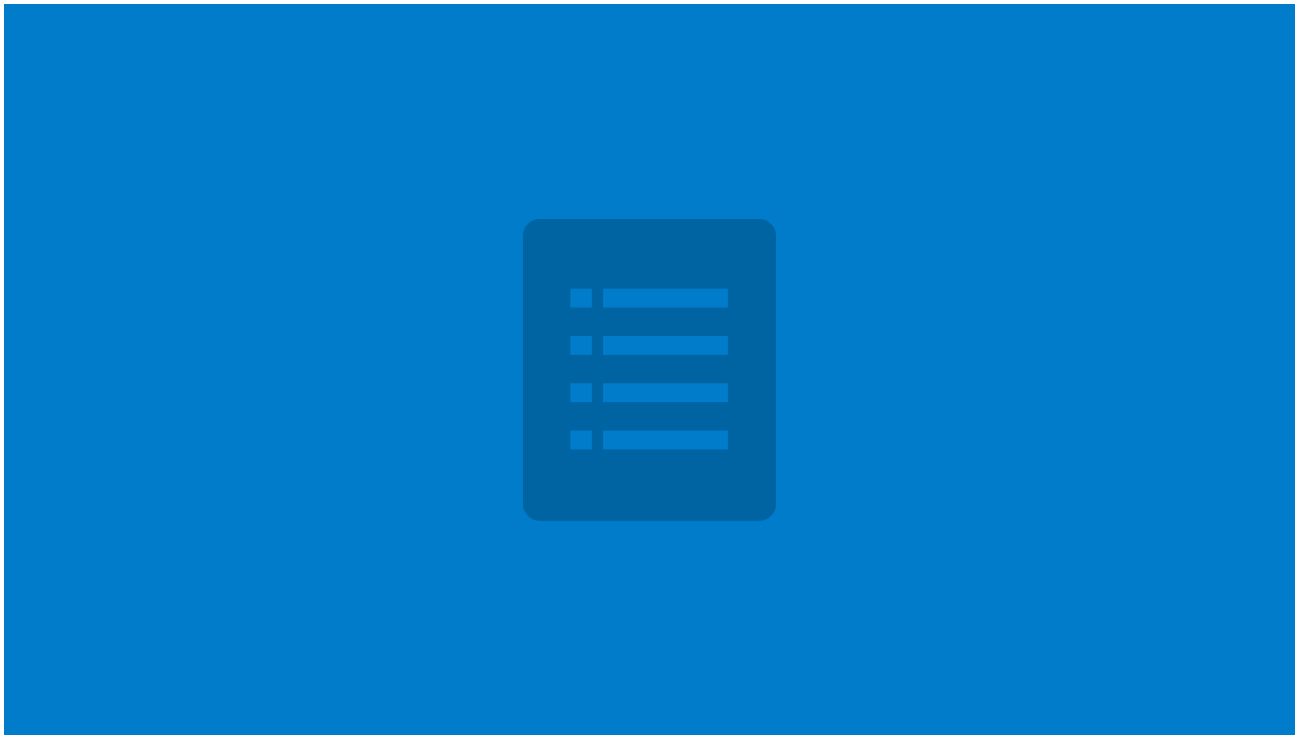
Data-Driven Careers Deciphered

A succinct introduction to Key roles in Data Science.



Business Analyst

- [ ] A few core know-hows are required Which comprise Of:
  - [ ] Knowledge of Statistical Tools/Softwares: SAS, STATA. SPSS, R
  - [ ] Able to demonstrate an understanding of analytical techniques including regression, trend analysis, forecasting and A/B testing.
  - [ ] MS Excel Mastery including Pivot tables, Array function & VBA Visualisation Tools like Tableau. Power Bl. QlikView
  - [ ] A substantial amount Of domain knowledge

Data Analyst

- [ ] A baseline understanding of a few core know-hows are required which comprises of:
  - [ ] Programming (Python & R)
  - [ ] Applied Statistical analysis
  - [ ] Applied Machine learning
  - [ ] Data Visualization — Tableau. PowerBl. QlikView
  - [ ] Data Munging
  - [ ] Data Collection & Processing

Data Engineer

- [ ] The Skill set for a data engineer includes:
  - [ ] Data Tools & Ecosystems — MapReduce. Hive, pig, Spark. Kafka
  - [ ] SQL based technologies — MySQL. PostgreSQL
  - [ ] NoSQL Technologies — Mongo DB. Cassandra
  - [ ] Data Warehousing Solutions.

Data Scientist

- [ ] Toolkit for a Data Scientist Comprising of a few Concepts along with the ones Mentioned above for A Data Analyst:
  - [ ] Multivariate Statistics — Regression, Principal components analysis and clustering
  - [ ] Natural Language Processing
  - [ ] Computer Vision
  - [ ] Prescriptive & Predictive Modelling.
  - [ ] Cloud Services - AWS, Google cloud, Microsoft Azure.
  - [ ] Familiarity with deployment mechanisms for Machine Learning algorithms like Flask, Kubernetes, or AWS

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