

Data Scientist

Role Summary

Collaborate with translators to define technical problem statement and hypothesis to test
Develop efficient and accurate analytical models that mimic business decisions
Regularly test and maintain analytical models to improve efficiency and keep up with changing business needs

Responsibilities

Designs, creates, tests and implements complex models and algorithms that drive analytical solutions throughout the organization
Collaborates with translators and understands use case problems to implement scalable and sustainable solutions
Coordinates with MIS, Digital Specialists and Data Engineers to deliver holistic analytical solutions
Supports Translators in communicating the design, functioning and output of the analytical models/solutions developed, and liaises with the use case governance group
Ensures timely analysis and testing for regular maintenance of solutions over time

Key Skills

Technical Skills

Quantitative degree (CS, statistics, engineering, ops research, social sciences), usually at the masters or PhD-level
Experience in a statistical and/or data science and/ or descriptive statistics and data visualization (e.g., ggplot2, matplotlib) role
Should have experience in machine learning, statistics, optimization or related fields
Experience with programming is required; specific experience in R or Python is a plus
Experience of working with large data sets, simulation/ optimization and distributed computing tools (Map/Reduce, Hadoop, Hive, Spark, etc.) is a plus
Strong analytical and problem-solving skills

Managerial Skills

Openness to working in agile environments with multiple stakeholders
Professional attitude and service orientation; team player
Good verbal and written communication skills
Quick learner to business needs and translate them into potential analytics solutions

Mindset & Behaviours

Strong work ethic; ability to work at an abstract level and gain consensus
Able to build a sense of trust & rapport that creates a comfortable & effective workplace
Attitude to thrive in a fast-paced environment