

Data Scientist Role for Pharmaceutical Company



Overview

- Data Scientist would be expected to work with fellow **ADAPT** Data Scientists, Data Engineers, Designers and Product Owners using Mathematics, Statistics and Machine Learning to maintain and develop optimization model based Digital twins for production processing
- Implements best in class techniques in the area of Optimization and Predictive Analytics to enhance the tool performance

Role Responsibilities

- Reports to the Sr Data Scientist at Lupin to help in the development of Machine Learning, Optimization technique and meta-heuristics based tool designed to optimize the scheduling of the production processes.
- Collaborates with other members of the team to help developing and deploying complex Data science code
- Ensures model quality; serves as code owner and safeguards tool quality
- Ideates to come up with creative ideas to enhance the performance of the tool and use Lupin's systems, environment and data setup
- Maintains code to defined functional and non functional standards
- Apply software engineering best practices and optimize code for model development and scale
- Use new technologies and problem-solving skills in a multicultural and creative environment
- Ability to comprehend business requirements and apply best in class techniques to model them in the Digital twins

Qualifications

- Masters' degree in computer science, engineering, applied mathematics, analytics, data science, operations research, statistics, economics or related field; PhD degree is a plus
- 2+ years of experience in the field of Data Science, with rich expertise in the field of Data Engineering and advanced techniques in the area of Optimization and Predictive Analytics
- Ability to build and manage data pipelines with Python
- Ability to work collaboratively in a team environment
- *Experience in at least one of the Cloud platforms such as: AWS, Azure, Google Platform or Databricks*
- *Knowledge of software engineering best practices such code reviews, testing frameworks, maintainability and readability*
- Ability to work across structured, semi-structured, and unstructured data, extracting information and identifying linkages across disparate data sets
- Good presentation and communication skills, with the ability to explain complex analytical concepts to people from other fields