

About The Team

Within Data Science, the Marketplace Fulfilment Platform (MFP) DS team builds data science products to optimize delivery efficiency and power post order delivery experience for both customers and delivery partners. We build and own low-latency, high-throughput models powering time predictions, routing and dispatch optimization across different business lines of Swiggy.

We also work on models for spatio-temporal community detection, time predictions, graph learning and Swiggy Simulation platform that span econometric, statistical, machine learning and deep-learning approaches.

We own or co-own several initiatives with a direct line of sight to business impact. We are a group of data scientists, operations research scientists and ML engineers with background and expertise in ML/DL, optimization, statistics, data mining, econometrics, graph theory and large-scale distributed systems.

What You'll Be Doing

- As a Data Scientist II on the MFP team, you will be building models that enable Swiggy to deliver on our promises with high efficiency and best experience. You will work closely with world-class Engineering/Product/Operations teams to build state-of-the-art solutions that deeply impact Swiggy's business and customers.
- A Data Scientist II is responsible for solving non-trivial, open-ended, high-impact problems impacting delivery efficiency and experience using machine/deep learning, data mining, statistical analysis and related techniques.
- You would apply excellent problem solving skills and independently scope, deconstruct and formulate solutions from first-principles that bring outside-in and state of the art view.
- You would have/develop a strong understanding of the business & product and conduct data analysis to derive insights, develop hypothesis and validate with sound rigorous methodologies as a precursor to formulating the problems and modeling with ML
- You would be collaborating with product and engineering to design and document an ambitious strategy, identify key metrics to drive, support with proof of concept, develop and execute on prioritized ideas, experiment, scale to achieve direct impact to Swiggy's business
- You would be contributing to the brand of the organization by publishing blogs, technical papers and presentations at conferences.

Job Requirements

- Bachelors/Masters with focus in areas like Computer Science, Applied Mathematics, ML/DL, Statistics, Operations

- Research with 3+ years of industry/research lab experience
- Strong depth and breadth in machine/deep learning (theory and practice), data mining, statistics and linear algebra
- Hands-on programming experience (intermediate to advanced level PySpark, Python, SQL, Keras/Tensorflow and Scala) on big data (familiarity with AWS and open-source ecosystem tools) with the ability to manipulate structured and unstructured data
- Strong spoken and written communication skills, able to explain complex ideas in a simple, intuitive manner, write/maintain good technical documentation on projects
- Experience with shipping ML data products in an engineering organization interfacing with other teams and departments to deliver impact.