+91 9987426397

nikheel4198@gmail.com

Mumbai, IN

Github

LinkedIn

Nikhil Sharma
Data Scientist

SUMMARY

Results-driven Senior Data Scientist with over 3.5 years of experience in leveraging data analysis to drive business success. Proficient in SQL and Python, specializing in predictive modeling and machine learning strategies to deliver actionable insights.

SKILLS

• Python • Exploratory Data Analysis • Linear Regression • Logistic Regression • Predictive & Statistical Modelling • Random Forests • SQL • Principle Component Analysis • AWS • TensorFlow • Keras • Natural Language Processing • Machine Learning • CNN • RNN

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification from DeepLearning.ai, Stanford University | Coursera | Apr '24
- **Google Cloud Platform Fundamentals** | Google | Aug '21

PROFESSIONAL EXPERIENCE

Analyst   Apr '23 - Present

Marsh & McLennan Global Services India   Mumbai, IN

Marsh McLennan Global Services India Private Limited (MMGS) is part of Marsh McLennan, the world's leading professional services firm in the areas of risk, strategy, and people.

- Redesigned data models through iterations that improved predictions by **13%**
- Utilized statistical techniques to interpret data, analyze results and provide **20+** ongoing reports
- Conducted A/B tests to enhance user engagement on web interfaces resulting in a **7% increase in user interactions**
- Tested and implemented decision trees, **random forests,** and **ensemble models** via bagging and boosting

Software Engineer   Jan '21 - Apr '23

LTIMindtree Limited   Mumbai, IN

LTIMindtree Limited is an Indian multinational information technology services and consulting company based in Mumbai

- Created a comprehensive framework and automated over **600** test cases using WebdriverIO with a BDD approach for conducting **Smoke, Regression** tests for UI/UX Testing
- Played a pivotal role in slashing testing time by half through the **automation of API Testing for applications with Postman**, resulting in a 50% reduction

KEY PROJECTS

- **Telecom Churn | Tech Stack: Python | Jul '23** •
  - **Objective**: A telecom company was facing issues with why their best customers are leaving
  - **Solution**: Designed **decision trees** along with **random forest** to predict the probability scores
  - **Key Achievement**: Created a model with an **AUC score of 0.74**
- **House Price Prediction | Tech Stack: Python | May '23**
  - **Objective**: To build a regression model using regularization, so as to predict the actual value of the prospective properties.
  - **Solution**: Designed various Regression models(**Linear**, **Ridge**, **Lasso)**to find the property prices.
  - **Key Achievement**: Predicted actual value of the prospective properties using **Lasso Regression**
- **Price Optimization| Tech Stack: Python | Jun '24**
  - **Objective**: To leverage price elasticity with historical café sales data to measure customers' responsiveness towards quantity demanded or supply due to price changes
  - **Solution**: Designed **Regression** models to find the optimal price for the sale of coffee at a café

EDUCATION

Post Graduate Diploma in Machine Learning and Artificial Intelligence   Feb '23 - May '24

IIIT Bangalore & upGrad   Bengaluru, IN

B.E. in Electronics and Telecommunication   Aug '16 - Oct '20

University of Mumbai   Mumbai, IN