RAHUL KUMAR

rahulkumargp19@gmail.com | +91 7070584912

linkedin.com/in/rahul-gupta-datascientist | github.com/Mr-rahulgupta

Professional Summary

Results-driven Data Scientist with hands-on experience in data analysis, statistical modeling with M.L Proficient in Python, SQL, and Power BI with a strong foundation in machine learning, data cleaning, and visualization. Skilled at identifying trends, building predictive models, and communicating actionable insights. Built real-world projects including fraud detection and DDoS monitoring using entropy analysis. Adept at working with large datasets and delivering value in fast-paced, data-driven environments.

Educational Qualification

Master of Computer Applications (MCA-PURSUING) 2024 – 2026
Roorkee Institute of Technology, Uttarakhand Technical University

Bachelor of Computer Applications (BCA) 2021 – 2024
Pataliputra University, Bihar – 73.8

Intermediate 2017 – 2019
Bihar School Examination Board – 83.8

Matriculation 2016 – 2017
Bihar School Examination Board – 75.6

Technical Skills

Languages: Python, Java, C++, SQL
Libraries & ML: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Entropy Analysis
Databases: MongoDB, MySQL, PostgreSQL
Tools & Platforms: Git, GitHub, Jupyter, Power BI, SPSS Moduler, IBM Watson
DSA: Solved 100+ problems on LeetCode using Python

Projects

Fraud Detection in Bank Transactions Dataset
- Built fraud detection models analyzing 100k+ records using Python, Pandas, and Power BI.
- Applied supervised learning algorithms to detect anomalies and prevent false positives.

DDoS Detection System using Entropy Analysis
- Designed a Node.js-based entropy monitoring tool to identify abnormal spikes in network traffic.
- Deployed a real-time dashboard using EJS and Bootstrap to visualize detection metrics.

Certifications

- IBM Enterprise Design Thinking Practitioner – 2024
- IBM Data Mining with SPSS software -2025
- Data Science with Python – Intellipaat – 2024–25
- Python Programming – IIT Bombay (Spoken Tutorial) – 2025

Technical Achievements

- Solved 100+ LeetCode problems in Python focused on algorithms and optimization.
- Completed 25 Kaggle projects involving data cleaning, feature engineering, and visualization.

Soft Skills

Problem Solving, Time Management, Critical Thinking, Communication, Adaptability

Languages Known

English, Hindi.