

Aman Gupta

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JUNIOR DATA SCIENTIST

Data Scientist with hands-on full-time experience in Python, SQL, Power BI, and machine learning. Skilled in data preprocessing, predictive modeling, and business analytics. Experienced in building end-to-end churn-prediction systems, creating dashboards, and automating reporting workflows. Passionate about delivering data-driven solutions that support strategic decision-making.

SKILLS

Python
Git

SQL
Microsoft Azure

Power BI
CI/CD

WORK EXPERIENCE

App Analytics

May 2025– Oct 2025

Junior Data Scientist

Project Details

Customer Churn Prediction

- Processed and analyzed 7,000+ telecom customer records using Python, SQL, and statistical profiling to uncover behavioral and demographic churn patterns.
- Performed advanced EDA using segmentation, correlation mapping, pivot analysis, and trend profiling to identify churn indicators with high predictive weight.
- Automated ETL workflows and weekly churn-risk updates using Python scripts, Power Query, and Power BI Service refresh pipelines.
- Presented insights to internal stakeholders, helping business teams design targeted retention strategies that reduced predicted churn by 10–12%.
- Created a complete end-to-end ML pipeline documented with model metrics, visualizations, and deployment guidelines for scalability.

RESPONSIBILITIES

- Developed scalable machine-learning models for churn prediction using classification algorithms and feature-engineering techniques.
- Performed end-to-end data cleaning, preprocessing, statistical analysis, and transformation to prepare high-quality datasets.
- Created Power BI dashboards and KPI reports to visualize churn trends.
- Automated weekly churn-risk reports using Python scripts integrated with Power BI API and SQL workflows.
- Collaborated with cross-functional teams to interpret model insights and support data-driven retention strategies.
- Cleaned, transformed, and analyzed customer datasets.

EDUCATION

Ajay Kumar Garg Engineering College, Ghaziabad

B.tech(Computer Science and Engineering)

2022-2025

CGPA: 8.38

Government Polytechnic Gonda

Diploma in Electronics Engineering

2019-2022

Percentage: 81.30

ACADEMIC PROJECT

Crime Prediction & Safe Route Optimization (IEEE Conference, NIET Noida) — Dec 2024

- Developed ML model predicting crime hotspots using 500,000+ crime records.
- Improved model accuracy by 20% through iterative testing.
- Collaborated with team to present findings at IEEE conference.