Mohd Atif

Lucknow, Uttar Pradesh ● 9517216181 ● data.atif001@gmail.com ● LinkedIn ● GitHub ● Portfolio

Summary

Aspiring Data Scientist with strong hands-on experience in Python, SQL, machine learning, and GenAI-powered applications. Built end-to-end ML and decision intelligence projects, including churn prediction systems, RAG-based assistants, and data-driven dashboards. Passionate about solving real-world problems using data, combining statistical thinking with modern AI to deliver clear business insights.

Technical Skills

Programming: Python, SQL, R
ML/AI: scikit-learn, TensorFlow, XGBoost, NLP, RAG, SMOTE, model evaluation
Data & Tools: Pandas, NumPy, Power BI, Tableau, BigQuery, Snowflake
Engineering: FastAPI, Flask, REST APIs, Docker, Git, ETL pipelines, deployment
Cloud: AWS S3, EC2
Other: EDA, Feature Engineering, A/B Testing, KPI tracking

Professional Experience

Data Analyst Intern *Arabania Indo-Arabic Restaurant*
June 2024 – May 2025, Lucknow

- Analyzed 100K+ sales and customer records using Python, SQL, and Excel to identify revenue trends, customer behavior, and high-margin SKUs.
- Performed ABC analysis and demand-based forecasting to optimize inventory decisions, improving gross margins by 15% and reducing food waste by 20%.
- Developed analytical reports and dashboards (Excel/Power BI) to support data-driven decisions on pricing, inventory, and promotions.

Projects

AI Customer Churn Decision Intelligence Platform Live App
FastAPI, Streamlit, Scikit-learn, LLM APIs

- Built an end-to-end churn prediction and decision intelligence platform.
- Developed logistic regression churn model with probability-based risk scoring.
- Integrated LLMs to generate business-friendly retention strategies.
- Implemented what-if simulation to estimate churn impact under behavior changes.
- Designed modular DS + GenAI architecture with API-based deployment.

Smart City Analytics Dashboard Project Link
Python, Streamlit, APIs

- Built real-time dashboard integrating traffic, weather, and pollution APIs.
- Automated ingestion of 50K+ daily data points.
- Designed anomaly detection pipelines and operational alerts.

Shravan — Digital Health Solution Live App
Flask, RAG Chatbot, APIs

- Developed retrieval-augmented chatbot for healthcare queries.
- Built appointment and reminder APIs with automated logging.
- Deployed full-stack solution with modular architecture.

System Threat Forecaster (IIT Madras) Competition Link
scikit-learn

- Achieved 82% accuracy and ranked top 30% among 2000+ participants.
- Applied feature engineering and imbalance handling techniques.

Certifications & Achievements

Google Data Analytics Specialization ● Prepare Data for Exploration ● Process Data from Dirty to Clean

Education

Indian Institute of Technology, Madras *2022–2025*
B.S. in Data Science and Applications