

# Mohd Atif

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

## Summary

Data Scientist with hands-on experience in Python, SQL, machine learning, and Generative AI. Skilled in predictive modeling, statistical analysis, and data visualization to solve real-world business problems. Built end-to-end ML and AI systems including churn prediction, LLM-powered assistants, and automation platforms. Strong at translating data insights into actionable business decisions.

## Core Competencies

Predictive Modeling • Data Analysis • Machine Learning • Data Visualization • Statistical Analysis • Business Intelligence • Feature Engineering • Model Evaluation • Stakeholder Communication • Decision Intelligence

## Technical Skills

**Programming:** Python, SQL, R, JavaScript

**ML/AI:** scikit-learn, TensorFlow, XGBoost, NLP, RAG, LLM integration, SMOTE, predictive modeling

**Data Tools:** Pandas, NumPy, Power BI, Tableau, BigQuery, Snowflake, Excel

**Engineering:** FastAPI, Flask, REST APIs, Docker, Git, ETL pipelines, deployment

**Cloud:** AWS S3, EC2

**Analytics:** EDA, Feature Engineering, A/B Testing, KPI tracking, data storytelling

## 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 and customer behavior.
- Performed ABC analysis and demand forecasting to optimize inventory planning, improving gross margins by 15% and reducing food waste by 20%.
- Built Power BI dashboards to support pricing, inventory, and promotion decisions.
- Translated analytical insights into operational improvements with management.

## Projects

### AI Automation Desktop Assistant (OpenClaw Wrapper)

GitHub

*Node.js, LLMs, Playwright, SQLite*

- Built chat-first automation assistant enabling non-technical users to create workflows without command-line tools.
- Integrated local LLM (Phi-3 via Ollama) with automatic switching to API-based models.
- Developed agent scheduling system with sandbox mode and execution logs using SQLite.
- Implemented LinkedIn browser automation for posting and commenting via Playwright.
- Designed conversational UI translating natural language into automation actions.

### AI Customer Churn Decision Intelligence Platform

Live App

*FastAPI, Streamlit, Scikit-learn, LLM APIs*

- Built end-to-end churn prediction system using logistic regression and risk scoring.
- Applied feature engineering to improve churn risk identification.
- Integrated LLMs for automated retention strategies.
- Developed what-if simulations to estimate churn impact.

### Smart City Analytics Dashboard

Project Link

*Python, Streamlit, APIs*

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

## Certifications

Google Data Analytics Professional Certificate • 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

Relevant Coursework: Machine Learning, Statistics, Data Analysis, Databases