

SOHAM LAXMAN GAICHOR

Data Analyst | SQL · Python · Power BI · Predictive Analytics

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PROFESSIONAL SUMMARY

Aspiring Data Analyst (MCA candidate) with hands-on experience building end-to-end analytics solutions — from data cleaning and EDA to forecasting, predictive modeling, and BI dashboards. Turned raw transactional and operational data into actionable insights using SQL, Python, Power BI, and PostgreSQL across two full-stack projects (sales forecasting and risk analytics) combining machine learning, explainable AI, and interactive dashboards. Seeking a Data Analyst role to apply strong analytical storytelling and business-first thinking.

CORE SKILLS

Data Analysis	SQL, Excel, Power BI, Data Cleaning, EDA, Data Visualization, KPI Reporting
Programming	Python, SQL, JavaScript
Libraries & Tools	Pandas, NumPy, Scikit-learn, XGBoost, PostgreSQL, Git/GitHub, Streamlit
Analytics Techniques	Forecasting, Feature Engineering, Statistical Analysis, Predictive Modeling
Generative AI	Prompt Engineering, ChatGPT & Gemini for code optimization, SQL generation, and documentation

PROJECTS

E-Commerce Sales Forecasting & Business Intelligence Dashboard

Tech Stack: Python, SQL, PostgreSQL, Pandas, XGBoost, Streamlit, Power BI

- Consolidated a 9-table PostgreSQL database into a 16,720-row weekly dataset (resolving ~90% zero-inflation), engineered time-series features to train an XGBoost Regressor (MAE: 3.27, RMSE: 6.82) with a Poisson risk model, and deployed interactive Power BI dashboards and a Streamlit web app.

Road Accident Analytics & Risk Assessment Dashboard

Tech Stack: Python, PostgreSQL, Power BI, Scikit-learn, SHAP

- Built an automated pipeline on a 210,399-row crash dataset with 61 engineered features, trained a Random Forest model achieving 81% injury recall at a 0.48 decision threshold without leakage, and deployed interactive Power BI dashboards with SHAP explainability.

Super-Store Analysis Excel

Tech Stack: Python, PostgreSQL, Power BI, Scikit-learn, SHAP

- An end-to-end data analytics project transforming raw transactional data into interactive Excel dashboards, uncovering actionable insights across sales, profitability, discounting, and regional performance.

Coffee-Store Analysis Excel

Tech Stack: Python, PostgreSQL, Power BI, Scikit-learn, SHAP

- An end-to-end retail data analytics project transforming transactional coffee order data into an interactive Excel dashboard and an executive storytelling deck, identifying key growth levers in customer retention, pack-size optimization, and regional expansion.

EDUCATION

Master of Computer Applications (MCA) — Amity University Expected 2027

Bachelor of Computer Applications (BCA) — Tilak Maharashtra Vidyapeeth CGPA: 8.9 / 10

CERTIFICATIONS

- Data Analysis with Python** — freeCodeCamp (2026): built foundational data workflows using Pandas, NumPy, Matplotlib, and Seaborn through hands-on numerical-processing projects.
- Generative AI & Productivity Mastermind** — GrowthSchool, 24-Hour Intensive Live Workshop (2026): applied advanced prompt-engineering techniques and LLM workflows to optimize Python scripts, generate SQL queries, and accelerate analytical reporting.

ACHIEVEMENTS

- Built and deployed end-to-end analytics apps integrating databases, dashboards, and predictive models.

LANGUAGES

English • Hindi • Marathi