

SACHIN TAMBE

Mumbai , Maharashtra

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Profile Summary

- Data Analyst with hands-on experience in data visualization, reporting automation, and statistical analysis in a manufacturing environment.
 - Skilled in Python, SQL, Power BI, and Excel to deliver actionable insights and support data-driven decisions. Experienced in data cleaning, exploratory data analysis (EDA), and supervised machine learning (Regression, Classification).
 - Supported stakeholders by providing reports and interactive dashboards to track business performance.
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Experience

- **Data Analyst - Art in Art | Jun 2025 – Present**
 - Established automated data pipelines using (Python , SQL , pandas, openpyxl), reducing manual reporting effort by 70%.
 - Designed and deployed Power BI dashboards for production, inventory, and sales KPIs, reviewed weekly by senior management.
 - Partnered with multiple departments to define KPIs, improving decision-making efficiency by 60%. Conducted SQL and Excel analysis to identify cost-saving opportunities and performance trends across operations.
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Projects

- **Customer Churn Analysis**
 - Analyzed customer behavior data (10k+ records) using Python and SQL to identify churn risk patterns.
 - Delivered insights through an interactive dashboard, enabling targeted retention strategies.
 - **Fraud Detection Insights**
 - Analyzed financial transactions dataset to detect anomalies using statistical methods and reporting frameworks.
 - Helped risk teams monitor suspicious cases, reducing false negatives in fraud detection.
 - **Sales Forecast Dashboard**
 - Designed a forecasting dashboard integrating ARIMA-based trend models using Python and MySQL.
 - Delivered demand and inventory forecasts with ±5% accuracy, aiding supply planning.
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Education

- **Somaiya Vidyavihar University , Mumbai, Maharashtra**
 - B.Sc. in Information Technology , Graduation: 2025
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Technical Skills

- **Data Analysis & Visualization:** Python (pandas, numpy, matplotlib), SQL (MySQL, PostgreSQL), Power BI, Excel (Advanced), Jupyter Notebook
 - **Machine Learning:** Regression, Classification, XGBoost, Random Forest, ARIMA (Time Series)
 - **Generative AI & Automation:** LangChain, OpenAI APIs, RAG, Streamlit
 - **Databases:** MySQL , SQL , MongoDB (basic)
 - **Cloud:** AWS (EC2, RDS), Azure (basic)
 - **Other Tools:** Git, Shell Scripting, Statistical Analysis (EDA, Hypothesis Testing)
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Certifications

- Python for Data Science, AI & Development — IBM, Coursera
- Databases and SQL for Data Science with Python — IBM, Coursera
- Foundations of Data Science — IBM, Coursera
- Data Engineering Foundations — IBM, Coursera