

# 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  $\pm 5\%$  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