

Somesh Zanwar

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SUMMARY

Data Science master's student with strong experience in SQL- and Python-based data analysis, KPI development, and dashboarding. Proven ability to analyze large datasets and translate findings into actionable business insights. Experienced across analytics workflows with foundational exposure to machine learning.

EDUCATION

University of Texas at Arlington, Arlington, TX Jan 2025 – Dec 2026
Master of Science in Data Science, CGPA: 3.8 / 4.0

Savitribai Phule Pune University, Pune, India Jan 2020 – Apr 2024
Bachelor of Engineering in Artificial Intelligence and Machine Learning, CGPA: 8.22 / 10

WORK EXPERIENCE

SYNC INTERN'S *Artificial Intelligence Intern* Mar 2023 – Apr 2023

- Cleaned, transformed, and analyzed structured datasets using Python (Pandas, NumPy) to support analytics and modeling tasks.
- Assisted in developing predictive models using TensorFlow and PyTorch for forecasting and classification use cases.
- Performed exploratory data analysis and feature preparation for NLP and ML workflows.

PROJECTS

Retail Sales & Inventory Optimization Analytics Dec 2025 – Jan 2026
Retail transaction analytics project (541K+ records)

- Analyzed retail sales data using SQL and Python to define revenue, demand, and inventory KPIs.
- Developed 10+ SQL queries to evaluate top products, customer demand patterns, and seasonal sales trends.
- Applied ABC analysis and demand variability metrics to support inventory planning and stocking decisions.
- Delivered insights through visual reports and a Streamlit dashboard with actionable business recommendations.

Customer Churn Analytics with Model Explainability Nov 2025 – Dec 2025
Customer behavior and churn risk analysis

- Analyzed customer usage and demographic data to identify churn patterns and high-risk customer segments.
- Built classification models using scikit-learn and XGBoost to support churn risk assessment.
- Used SHAP explainability to interpret churn drivers and translate insights into retention strategies.

SKILLS

Languages: Python, SQL

Data Analysis & BI: SQL Queries, KPI Development, EDA, Data Cleaning, Pandas, NumPy, Excel, Power BI

Visualization: Matplotlib, Plotly, Streamlit

Machine Learning: Scikit-learn, XGBoost, Feature Engineering, Model Evaluation, SHAP

Tools: Git, SQL Databases