

Somesh Zanwar

Data Analyst | SQL | KPI Analytics | Experimentation

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Portfolio: <https://someshzanwar.github.io/> | Github: <https://github.com/SomeshZanwar>

SUMMARY

Data Analyst with experience building **KPI reporting, experimentation frameworks, and analytics pipelines** to support business and product decision-making. Skilled in **SQL, Python, and BI tools** to transform large datasets into actionable insights used by stakeholders. Delivered improvements in reporting **accuracy (30%)** and **data processing efficiency (40%)** through optimized analytics workflows. Currently pursuing a Master's in Data Science at UT Arlington, targeting **data analyst and product analytics** roles in the US.

EDUCATION

Masters in Data Science

Jan 2025 – Dec 2026

The University of Texas at Arlington, TX | **GPA: 3.8**

Relevant Coursework: Data Mining, Neural Network and Deep Learning, Convex Optimization, Cloud Computing and Big Data

Bachelor of Engineering in Artificial Intelligence and Machine Learning

Aug 2020 – May 2024

Savitribai Phule Pune University, India | **GPA: 8.2**

Relevant Coursework: Artificial Intelligence, Machine Learning, Natural Language Processing, Database Management Systems, Big

TECHNICAL SKILLS

Programming & Querying: Python (Pandas, NumPy), SQL (Joins, Window Functions, CTEs, Query Optimization)

Data Analysis & Analytics: Exploratory Data Analysis (EDA), Data Cleaning, Data Validation, Root Cause Analysis, Data Interpretation

Statistical Analysis & Experimentation: Hypothesis Testing, A/B Testing, Experiment Design, Descriptive Statistics

Business & Product Analytics: KPI Development, Funnel Analysis, Cohort Analysis, Retention Analysis, Business Metrics, Stakeholder Reporting, Data Storytelling

Business Intelligence & Visualization: Power BI, Tableau, Dashboard Development, Data Visualization

Data Modeling & Warehousing: Data Modeling (Star/Snowflake Schema), PostgreSQL, MySQL, BigQuery

Data Engineering (Analytics): ETL Pipelines, Data Transformation, Data Pipeline Optimization

Machine Learning (Applied Analytics): Scikit-learn, XGBoost, Feature Engineering

Cloud & Tools: Google Cloud Platform (BigQuery), Git, Docker, Jira, Salesforce

WORK EXPERIENCE

Junior Data Analyst

Jun 2023 – Sep 2024

IVS Software Solutions — Pune, India

- Processed and analyzed **80K–150K** operational records using **SQL** and **Python** to support **KPI reporting** and **business performance tracking**.
- Delivered **exploratory data analysis** identifying trends, anomalies, and data quality issues, improving reporting **accuracy** by **30%** and enabling more reliable business decisions.
- Optimized **SQL queries** and **data pipelines (joins, aggregations)**, reducing **data preparation time** by **40%** and accelerating dashboard delivery for internal stakeholders.
- Developed analysis-ready datasets to support recurring **reporting workflows**, reducing manual effort and improving turnaround time for **business insights**.

PROJECTS

Decision Intelligence Experimentation Platform | PostgreSQL, dbt, Python, Streamlit

- Designed an **A/B experimentation** platform simulating **50K+ users** and **280K+ events** to evaluate product feature impact and support **data-driven launch decisions**.
- Designed experiment analysis workflows to measure treatment effects across user segments, identifying conversion lift vs revenue trade-offs influencing decision outcomes.

AI Data Governance Model | PostgreSQL, dbt, Python, Power BI

- Developed a **data governance system** monitoring **150K+ events**, improving data quality and reliability for downstream analytics and **reporting use cases**.
- Deployed **automated monitoring system** that cross-validated **90%** of all incoming data sources, decreasing incident response time by **25%** and minimizing data loss on critical reports.

SQL Retail Analytics & Inventory Optimization Dashboard | SQL, Python, Streamlit, Pandas, Plotly

- Architected a retail analytics pipeline transforming **541K+ transactions** into structured data models for revenue and inventory analysis.
- Identified top-performing products (**20% driving 75% revenue**) to support inventory optimization and business planning decisions.
- Automated reporting dashboards, reducing manual reporting effort by **3–4 hours weekly** for stakeholders.