

YASH MALVIYA

Data Analyst

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PROFESSIONAL SUMMARY

Data Analyst with hands-on experience building 3 end-to-end analytics pipelines (Olist, AdventureWorks, Contoso) processing 500K+ records. Proficient in Python,

SQL, PostgreSQL, AWS (S3, Glue, Athena), Snowflake, and Tableau. Skilled in ETL/ELT workflows, star-schema dimensional modeling, cohort analysis, and CLV analysis. Delivers executive-ready dashboards that convert raw data into actionable KPIs and business insights.

EDUCATION

Prestige Institute of Engineering Management & Research

Nov 2021 – Dec 2025 B.E. – Artificial Intelligence & Data Science | CGPA: 7.33/10

TECHNICAL SKILLS

- * Programming & Databases: Python, SQL, PostgreSQL, SQLAlchemy
- * Data Analysis & Modeling: EDA, KPI Analysis, Cohort Analysis, CLV Analysis, Customer Segmentation, Star Schema Design, Feature Engineering
- * Visualization & BI: Tableau, Matplotlib, Seaborn, Dashboard Development, Data Storytelling
- * Cloud & Data Platforms: AWS S3, AWS Athena, AWS Glue, Snowflake, Cloud Data Warehousing
- * Tools & Libraries: Pandas, NumPy, Excel, Jupyter Notebook, Git, GitHub, Docker
- * Core Competencies: ETL/ELT Workflows, Data Pipeline Development, Statistical Analysis, Reporting Automation, Window Functions, CTEs

PROFESSIONAL EXPERIENCE

Oasis Infobyte | Jul 2024 – Aug 2024

Data Analyst Intern

- * Performed EDA on retail and customer datasets using Python, Pandas, Matplotlib, and Seaborn to identify sales trends and seasonal demand patterns.
- * Cleaned and preprocessed datasets (missing values, duplicates, inconsistencies); built KPI reports tracking revenue trends, customer insights, and product performance.
- * Conducted statistical and trend analysis to produce data-driven business recommendations via end-to-end Jupyter Notebook workflows.

PROJECTS

Olist E-Commerce End-to-End Analytics

Link: github.com/YashMalviya01/OLIST-E-Commerce-Data-Analytics-Project

- * Built analytics solution using AWS S3, Snowflake, SQL, Python, and Tableau; analyzed 100K+ orders, 99K+ customers, and 32K+ products to uncover revenue and operational insights.
- * Developed 3 executive Tableau dashboards with 20+ KPIs; identified Sao Paulo as top revenue market (R\$5.92M), 77% positive review rate, and delivery

performance as key satisfaction driver.

Adventure Works End-to-End Analytics

Link: github.com/YashMalviya01/Adventure_Works_End-to-End_Analytics

- * Analyzed \$109.85M+ revenue and \$9.37M+ profit across territories; identified Australia as top-profit region (\$3.43M) and Bikes as highest revenue category (\$94.65M).
- * Delivered 3 Tableau dashboards with KPI cards, geographic maps, and treemaps; uncovered offline sales drove ~73% of total revenue (\$80.49M).

Contoso End-to-End Customer Revenue Analysis

Link: github.com/YashMalviya01/End-To-End-Retail-Sales-Customer-Analytics

- * Processed 200K+ sales transactions in Python and PostgreSQL; designed a 5-table star schema with 104K customers and 2.5K products for scalable analytical querying.
- * Built cohort analysis tracking 24-month retention and CLV rankings; delivered 3 Tableau dashboards with 20+ drill-down visualizations.

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KEY ACHIEVEMENTS

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- * Designed 40+ SQL analyses including cohort retention, CLV, territory performance, and holiday profitability using CTEs and window functions to surface actionable business insights.
- * Implemented end-to-end AWS S3 -> Snowflake analytics architecture, transforming raw business data into executive-ready insights across multiple domains.