PARTH KHARE

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Summary

Data Analyst with a strong foundation in SQL, Python, Excel, and Power BI. Skilled in cleaning, analyzing, and visualizing data to generate insights and support data-driven decision-making. Possess foundational knowledge of machine learning concepts such as regression, classification, and model evaluation. Interested in collaborating on meaningful analytical and machine-learning-oriented work in fast-paced environments.

Education

B. Tech. in Computer Science and Engineering   Expected May 2026
Vellore Institute of Technology, Bhopal   *CGPA: 7.63 / 10*

Skills

Programming & Querying: Python, SQL
Data Visualization Tools: Advanced MS Excel, Power BI, Tableau
Analytical Abilities: Data Cleaning, Exploratory Data Analysis (EDA), Insight Generation, Descriptive Statistics
Machine Learning (Foundational): Supervised & Unsupervised Learning, Regression & Classification Models, Model Evaluation Metrics

Projects

Vendor Performance Analysis – Retail Inventory & Sales | *SQL, Python, Power BI* | ⬡   Sep 2025 – Oct 2025

- **Analyzed vendor efficiency and profitability** to support strategic purchasing and inventory decisions.
- Developed and optimized a **complex SQL ETL pipeline** to build an aggregate summary table from multiple tables. Improved query performance using CTEs and data filtering, significantly reducing processing time for large datasets
- Conducted **Exploratory Data Analysis and Hypothesis Testing in Python** solving research questions to evaluate vendor profitability, pricing strategy effectiveness and inventory turnover.
- Identified over-dependencies on top 10 vendors (65.7% of purchases) and uncovered **$2.71M** in unsold inventory from low performing vendors, recommending diversification and inventory optimization.
- Built interactive **Power BI dashboards** to visualize vendor performance, profit-margins, bulk purchasing impact (72% cost reduction), and actionable insights for decision-makers.

E-Commerce Customer & Sales Analytics | *Python* | ⬡   Dec 2025 – Jan 2026

- **Performed end-to-end analysis on multi-table e-commerce data** (orders, payments, deliveries, reviews) to understand drivers of customer satisfaction.
- **Engineered labeled features** such as delivery delay (days), delivery status (on-time vs late), and review sentiment categories, suitable for supervised learning tasks.
- Analyzed feature relationships to assess predictive power, observing that **68%** of late deliveries received low ratings (1–2 stars), while **80%** of on-time deliveries received high ratings (4–5 stars).
- **Identified limitations of single-feature prediction**, noting **11%** of on-time deliveries still received poor reviews, indicating the need for multi-feature modeling.
- **Structured datasets and analysis pipelines** in a way that could be directly extended into a customer satisfaction classification model.

Certifications & Training

- Oracle Cloud Infrastructure AI Foundation Associate Certificate.

- Complete Data Analytics Bootcamp – Udemy (Ongoing) (Expected Feb 2026)

- Deloitte Australia Data Analytics Job Simulation Certificate

- AWS Solution Architect Training – Ethnus