

PARTH KHARE

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LinkedIn GitHub

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

Vellore Institute of Technology, Bhopal

Expected May 2026

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