Parth Khare

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Education

VIT Bhopal University	Bhopal, Madhya Pradesh
B. Tech.	Expected May 2026
Major in Computer Science and Engineering	
Cumulative GPA: 7.58/10	

H.A.L. High Secondary School	Lucknow, Uttar Pradesh
12th Standard - CBSE	July 2021
Percentage: 95%	

H.A.L. High Secondary School	Lucknow, Uttar Pradesh
10th Standard– CBSE	June 2019
Percentage: 95%	

Projects

Vendor Performance Analysis – Retail Inventory & Sales | SQL, Python, Power BI
Objective: 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 10vendors (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.

Experience

Deloitte Australia Data Analytics Job Simulation on Forage - August 2025

- I completed a Deloitte job simulation involving data analysis and forensic technology
- The job simulation consisted of 2 tasks:
  Task1: Utilized Tableau to visualize factory downtime, enabling stakeholders to quickly identify and address operational inefficiencies.
  Task2: I was given processed data in the form of an excel file ("Equality Table") and my task was to create a column (Equality Class) classifying the given data based on the Equality Score.

Additional

Data Analytics/Technical Skills: Python, MySQL, Tableau, Microsoft Excel, Data Visualization, Data Modeling, etc.
Programming Languages: Python, Java, HTML, CSS
Soft Skills: Communication, Problem-Solving, Teamwork, Critical Thinking
Certification & Trainings:
1. Bits and Bytes Coursera
2. Ethnus - AWS Cloud Solution Architecture
3. Udemy – Complete Data Analytics Bootcamp – By Krish Naik, Jayant Topnani, KRISHAI Technologies Pvt. Ltd. (Ongoing)
4. Oracle Cloud Infrastructure AI Foundation (Ongoing)
Languages: English, Hindi

Hobbies

- Chess
- FPS gaming
- Book Reader – Fiction, Cooking