

# Parth Khare

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## Education

<b>VIT Bhopal University, Bhopal, Madhya Pradesh</b> B. Tech. in Computer Science and Engineering	Expected May 2026 CGPA: <b>7.58/10</b>
<b>H.A.L. High Secondary School, Lucknow, Uttar Pradesh</b> 12 <sup>th</sup> Standard - CBSE	July 2021 Percentage: <b>95%</b>
<b>H.A.L. High Secondary School, Lucknow, Uttar Pradesh</b> 10 <sup>th</sup> Standard– CBSE	June 2019 Percentage: <b>95%</b>

## Technical Skills

- **Data Analytics/Technical Skills:** Python, MySQL, Tableau, Power BI, Microsoft Excel, DSA, Data Visualization, Data Modeling, etc.
- **Programming Languages:** Python (NumPy, Pandas, Matplotlib, Seaborn), Java, C, HTML, CSS, JavaScript
- **Soft Skills:** Communication, Problem-Solving, Teamwork, Critical Thinking
- **Tools & Platform:** Git, AWS, VS Code, Anaconda, Google Colab, Power BI, Tableau, MS Office, IntelliJIdea

## 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 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.

### 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

### Certification & Trainings:

1. AWS Cloud Solution Architecture (Ethnus)
2. Udemy – Complete Data Analytics Bootcamp – By Krish Naik, Jayant Topnani, KRISHAI Technologies Pvt. Ltd. (Ongoing)
3. Oracle Cloud Infrastructure AI Foundation (Ongoing)

**Languages:** Hindi (native), English

**Hobbies:** Reading, Chess, FPS game