

Sayyed Mazhar

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Education

K.C.E College Of Engineering

Bachelor of Technology in Computer Science (B.Tech)

Nov 2022 - Present

Technical Skills

- **Data Analysis & Manipulation** : **SQL** (Joins, CTEs, Window Functions, Aggregate Functions, Query Optimization), **Python** (Pandas, NumPy), **Excel** (Power Query, XLOOKUP, Pivot Tables, Data Cleaning, Filtering & Sorting)
- **Data Visualization & Reporting** : Power BI (Interactive Dashboards & Reports, DAX, Custom Visuals), **Excel** (Charts & Conditional Formatting)
- **ETL & Data Processing** : Power Query (Power BI & Excel), ELT Processes, Data Transformation & Modeling
- **Statistical Analysis** : Descriptive Statistics (Mean, Median, Mode, Variance, Standard Deviation), Exploratory Data Analysis (EDA), Outlier Detection (Z-score, IQR)
- **Development Tools** : Jupyter Notebook, GitHub

Practical Experience

Paarsh Infotech Pvt Ltd

Python Development-Based

- Gained hands-on experience in **Python programming** by building logic-driven programs and mini projects.
- Worked with **loops, functions, conditionals, file handling, and data structures** (lists, dictionaries, sets).

Data Science – Practical Training

Python, Pandas, Numpy, Data Visualization:

- Completed practical training in **Data Science fundamentals**, focusing on data analysis and interpretation.
- Worked with **Python, Pandas, NumPy, and data visualization concepts** for data cleaning and analysis.
- Developed analytical thinking by **transforming** raw data into meaningful insights through projects and exercises.

Projects

Road Accident Analysis Dashboard

Nov 2025

- Designed a **Road Accident Analysis Dashboard** to study accident trends across states and years using cleaned and structured datasets.
- Analyzed patterns such as **year-wise accident trends, state-level comparisons, and accident causes** to identify high-risk regions.
- Created interactive visuals to support insights for **policy planning and road safety analysis**.

Skills Used: Python, Pandas, Numpy, Excel, PowerBI

Electronics Sales Dashboard

Sep 2025

- Built an interactive **Electronics Sales Dashboard** using Power BI to analyze sales performance across product categories such as laptops, mobiles, tablets, and accessories.
- Visualized key business KPIs including **Total Sales, Profit, Average Order Value (AOV), and Quantity Sold** with filters for quarter and product type.
- Enabled data-driven insights through dynamic visuals, helping identify top-performing products and seasonal sales trends

Skills Used: SQL, Excel, PowerBI

Relevant Coursework / Certifications

- SQL Development
- Ultimate **Data Science** course
- Simplilearn
- codewithharry