

# Praveen Kumar B

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## Summary

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Enthusiastic and detail-oriented Business/Data Analyst with hands-on experience in data analysis, interpretation, and visualization. Proficient in SQL, Python, Excel, and Power BI, with a strong foundation in data-driven decision-making and Business Acumen.

## Technical Skills

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**Languages and DataBases:** Python, Pandas, Numpy, SQL, MySQL

**Visualization Tools:** Power BI

**Other Skills:** Advanced Excel, Business Analysis, Data Analysis

**Soft Skills:** Critical Thinking, Brainstorming, Communication Skills, Interpersonal Skill, Team Leader, Problem Solver

## Projects

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**Analysis on E - Commerce Sales Dataset - [Link](#)**

**PostgreSQL**

- The project analyzed e-commerce sales data to identify **top-selling** products, **peak sales** periods, and **customer purchasing behaviors**. This aimed to **optimize** inventory management and marketing strategies to drive better business decisions.
- Streamlined and optimized SQL query operations successfully **reducing processing times by over 50%**, thus enhancing overall database efficiency and response times with **subqueries, aggregate functions, Filtration, Group By, having Clause and CTE tables** to perform comprehensive data analysis.
- By analyzing sales data, I discovered that **laptops generate 2X revenue** compared to other products, **Canada leading with 1.5X** more transactions than the USA and UK where laptops and smartphones are **the highest selling categories**.

**Sales dataset analysis using python - [Link](#)**

**Python (Numpy, Pandas)**

- Analyzed sales data to **identify trends** and **patterns**, resulting in data-driven insights.
- Developed functions to **load data**, calculate total sales, and identify top-selling products.
- Implemented price simulation and **sales prediction models** using **NumPy** and **pandas**.
- Demonstrated strong skills in **data manipulation** and **analysis** with **Python**.

## Awards & Achievements

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**MyCaptain: Business Analyst Pro Course | [Certification](#)**

**Jan 2024 – July 2024**

- Successfully completed a comprehensive Business Analyst PRO course, mastering skills in data analysis, business analysis, and dataset management. Proficient in optimizing SQL queries, and creating interactive dashboards using Power BI, ensuring effective data visualization and insight generation.
- Engineered advanced data manipulation techniques with Python, leveraging libraries like NumPy and pandas; executed predictive modeling that boosted data-driven decision-making efficiency by 50% across 3 major departments

**Hacker Rank: Basic SQL | [Certification](#)**

## Education

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**GM Institute of Technology**

*Bachelor of Engineering in Mechanical*

**Aug 2019 – Sep 2023**

*Davangere, Karnataka*