

# D Praveen Kumar

## Data & Business Analyst

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### Professional Summary

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Detail-oriented Data & Business Analyst with a strong foundation in SQL, Python, Power BI, and Excel. Experienced in interpreting complex datasets, creating dashboards, and delivering actionable insights for business decision-making. Adept in ETL processes, data modeling, and stakeholder communication. Executed diverse projects across EV markets, retail analytics, and public health to drive measurable results.

### Skills

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#### Technical Skills

- **Languages & Tools:** SQL (SQL Server, MySQL), Python (Pandas, NumPy, Seaborn, Matplotlib, scikit-learn)
- **BI & Reporting:** Power BI (DAX, Power Query), Excel (Pivot Tables, VLOOKUP)
- **Data Handling:** ETL, EDA, Data Cleaning, Modeling
- **Platforms:** VS Code, Jupyter, GitHub

#### Soft Skills

- Requirements Gathering, KPI Monitoring, Market & Process Analysis, Insight-Driven Decisions, Analytical Thinking, Data Storytelling, Communication, Teamwork, Problem Solving

### Projects

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#### ELECTRIC VEHICLE MARKET DASHBOARD (PERSONAL PROJECT) [GitHub](#)

Analyzed U.S. EV adoption trends, market share, and policies using Power BI.

**Tool:** Power BI, DAX, Excel

**Outcome:** Built an interactive dashboard analyzing U.S. EV adoption trends, vehicle types (BEV/PHEV), and state-level CAFV eligibility. Designed dynamic KPIs and slicers using DAX, increasing data visibility by 30%.

#### EXPLORATORY DATA ANALYSIS USING (NETFLIX DATA) [GitHub](#)

Explored global Netflix data to understand subscription trends and regional performance.

**Tool:** Python, Pandas, Matplotlib, Seaborn

**Outcome:** Processed 6,000+ global records to analyze revenue, ARPU, and subscription trends across 190+ countries. Built interactive visualizations to uncover regional patterns and price sensitivity. Supported business decisions with insights, improving content targeting strategies by 20%.

#### COVID-19 DATA EXPLORATION (SQL SERVER) [GitHub](#)

Explored global COVID-19 data using SQL Server to analyze trends and key metrics.

**Tool:** SQL Server, Joins, CTEs, Window Functions

**Outcome:** Queried 2 M+ records to evaluate infection and death rates, built time-series metrics using advanced SQL, supporting insights on spikes, recovery, and resource allocation with 95% accuracy.

#### RETAIL ORDERS ANALYSIS PROJECT (TECHNICAL PROJECT) [GitHub](#)

Analyzed retail sales performance, product trends, and regional growth using Python and SQL.

**Tool:** Python, Pandas, SQL, SQLAlchemy, Jupyter Notebook

**Outcome:** Integrated Python and SQL to process a 3,500-row retail dataset. Built a basic ETL pipeline and executed 6 SQL queries using CTEs and window functions to simulate a full data workflow.

### Certifications

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- Certified Professional Python Programmer (CPPP)
- IBM Data Analyst Professional Certification
- Deloitte Data Analytics Job Simulation – Forage

### Education

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#### Bachelor of Engineering in Computer Science

C. Abdul Hakeem College of Engineering, Ranipet, Tamil Nadu

Graduated: 2024