PREAM BALAJI V C

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Profile Summary

- Proven ability in analyzing large datasets, debugging SQL queries, and transforming data to drive business insights.
- Proficient in creating compelling, interactive dashboards using Power Bl, enhancing data accessibility and Business intelligence.
- Skilled in ETL processes**,** KPI tracking**,** and data cleaning, ensuring accuracy and consistency for decision-making.
- Strong command over Excel, SQL, Power BI, Statistics, Python and Communication enabling efficient data manipulation, data analysis and Problem solving
- Proficient in market research, requirement gathering, qualitative and quantitative analysis.

Relevant Coursework

- Data Integrity
- Data Visualization
- Data Governance
- Data Manipulation
- Generative AI
- Data Mining
- Requirement Gathering
- Business Analysis

Projects

FIFA 21 Player Performance & Market Value Analysis | Python | GitHub Repository **July 2025**

- Performed **EDA on 18,000+ FIFA 21 players**, uncovering insights on **performance, potential, and market value**. Applied **data cleaning with Pandas & NumPy** (95% reduction in inconsistencies) and visualized patterns using **Seaborn & Matplotlib.** Built **a data-driven dashboard** highlighting key player attributes, improving **talent comparison efficiency by 30%**.

Descriptive Analysis of Historical IPL Data | Power Bi | Live Dashboard **Sep 2025**

- Developed an interactive **Power BI dashboard** analyzing **8 seasons of IPL data** with over **1,000+ matches** and **5,000+ player records** to track performance trends, strike rates, and win probabilities. Used **Power Query** for data cleaning and transformation and **DAX** to create **30+ custom KPIs**, including player efficiency and venue-wise win ratios. Delivered insights that **reduced manual reporting time by 70%** and enabled stakeholders to identify underperforming teams and high-impact players for strategic decision-making.

Comprehensive Analysis of Indian EV Market | Power Bi | Live Dashboard **Oct 2025**

- **Designed** an interactive Power BI dashboard analyzing **EV sales data (2001–2024)** to uncover national and regional adoption trends, highlighting a market growth of over **120% YoY**. **Engineered** data models and transformation pipelines using Power Query and DAX to segment performance by **10+ manufacturers**, vehicle types, and states, providing clarity on market leaders and under-performing regions. **Delivered** actionable insights

UK Stop and Search Analysis| Power Bi | Live Dashboard **Oct 2025**

- **Engineered** a comprehensive Power BI dashboard analyzing UK law enforcement stop and search data, encompassing over **1,000+ records** across multiple years, to identify trends in search frequency, demographics, and outcomes. **Developed** interactive visualisations using DAX and Power Query to segment data by age, gender, ethnicity, and region, highlighting disparities and informing policy discussions on equity and transparency.

Technical Skills

Programming Language: Python, SQL
Databases: MySQL
BI: Power BI, Data Modeling, KPI Tracking, ETL
Analytical Tools: Excel, Power Query
ML: Regression,
Statistics: Hypothesis Testing,
Visualization: Matplotlib, Seaborn, Plotly

Education

Government College of Engineering **Nov 2021- May 2025**
Bachelor of Civil Engineering – CGPA:7.5 Erode, Tamil Nadu

Certification

- Deloitte Australia: Data Analytics and Visualization – View Credentials
- IBM Data Analysis with Python, Coursera – View Credentials
- SQL: A Practical Introduction for Querying Databases – View Credentials
- PANDAS, Kaggle – View Credentials