HEMANTH KUMAR MEKALA

Data Analyst

+ 91 9390782126 | mailmhemanth@gmail.com | Linkdin | Github | Portfolio

PROFESSIONAL SUMMARY

Analytical and self-driven Data Analyst skilled in Python (Pandas, NumPy, Matplotlib, Seaborn)**,** SQL**,** Excel**,** and Power BI**,** with knowledge of the basics of Machine Learning**.** Demonstrated ability to clean, analyze, and visualize large datasets to uncover business trends. Passionate about applying data insights to support strategic and operational decision-making in a collaborative team environment.

SKILLS

- **Data Visualization & BI Tools:** Power BI (Dashboard Creation, Data Modeling, DAX, Power Query), MS Excel (Pivot Tables, Lookups, Charts)
- **Programming & Statistical Analysis:** Python (Pandas, NumPy, Matplotlib, Seaborn)
- **Database & Querying:** SQL (Query Writing, Joins, Aggregations, Data Extraction)
- **Machine Learning (Basics):** Data Preprocessing, Feature Selection, Model Training Concepts, Evaluation Metrics
- **Data Analysis & Interpretation:** Data Cleaning, Exploratory Data Analysis (EDA), Trend Identification, Insight Reporting
- **Soft Skills:** Problem-Solving, Communication, Collaboration, Attention to Detail.

EDUCATION

- **ACE Engineering College**, Hyderabad
  B.Tech – Mechanical Engineering | CGPA: 7.81   **NOVEMBER 2022 - AUGUST 2025**

PROJECTS

Customer Behavior Analysis | Power BI, SQL, Python   **Github**   **AUGUST – 2025**
• Analyzed customer purchase patterns to identify high-value and at-risk groups.
• Conducted RFM segmentation to support targeted retention strategies.
• Revealed that the top 20% of customers contributed ~65% of company revenue.

Vendor Performance analysis | Python, Power BI   **Github**   **SEPTUMBER – 2025**
• Analyzed vendor delivery times, cost patterns, and quality issues to evaluate supplier performance.
• Created KPIs such as delay %**,** defect rate**,** and cost efficiency score to rank vendors.
• Built a Power BI dashboard to compare vendor reliability and highlight trends.
• Identified that top vendors achieved ~40% better on-time delivery than low-performing ones.

CERTIFICATIONS

• **Gen AI Powered Data Analyst** – Tata Group

• **Data Analytics & Visualization** – Accenture