Vinod Mahajan

📞 9113030328 ✉ vinodmahajanrs@gmail.com 🔗 linkedin.com/in/vinod-mahajanrs ⌗ Portfolio

Technical Skills

SQL: 5 Star Badge in Hacker-rank, Query Writing, Database Design,Data Manipulation, SQL Optimization

POWER BI: Dashboard design, Chart Creation, DAX, PowerQuery,Data Modeling

EXCEL: Conditional Formatting,Data Cleaning, Pivot Tables, Lookup Values, Outlier Detection

PYTHON: Data Analysis libraries, Numpy, Pandas, Matplotlib, Data Manipulating, Data Cleaning

Projects

Telangana Growth Analysis | *SQL, Power BI*   **September 2023**

- As a Data Analyst, I have Analyzed Telangana's sector-**specific growth data**,and created custom **power Bi dashboard** collaborating with the government to provide valuable insights.
- Uncovered Key findings,including record **E-Stamp revenue in Q4 of FY2021-2022** and a increase in vehicle sales.
- Highlighted critical areas for growth, such as investor confidence and **urbanization needs**, with recommendations for regulatory strengthening and **data-driven decision-making**.
- Contributed to Telangana's economic progress by supporting strategic policies and initiatives .

Hospitality Domain Revenue Analysis | *Excel,Power BI*   **August 2023**

- Analyzed Atliq Grands' hospitality data, focusing on **revenue** and **performance metrics**. I created a **custom Power BI dashboard** with an enhanced **calendar visual** using a matrix table.
- Processed the given data and metrics to create a clear and comprehensive Power BI dashboard that made it easy to understand the most important insights.
- The analysis highlighted Mumbai's top revenue **(669 Million),** AtliQ Exotica's outstanding performance **(320 Million revenue**, 3.62 rating, **57 percent occupancy** and **24.4 percent cancellation rate**)
- Leveraged "Business and Data Intelligence" through Power BI for Atliq Grands, **driving revenue enhancement**, top property identification, and **booking policy optimization**,

Exploring Accident Trends on Bangalore Roads | *Python*   **August 2023**

- **Identified accident rates** throughout certain months,with a **10 percent increase in accident during the monsoon season**
- Discovered places or routes with a greater accident frequency,pinpointing **five high-risk zones** with accident rates exceeding **15 incident per month** ,enabling focused interventions to improve safety measures
- Recommendations such as **optimizing traffic** flow through signal timing adjustments, enhancing **driver public awareness** and to traffic rules ultimately reducing the **probability of accidents**

Pizza Sales Analysis-Unraveling Key Metrics and Trends | *Excel*   **July 2023**

- Led a comprehensive "Pizza Sales Analysis" project, encompassing **data collection from SQL** and Excel sources, **data cleaning**, analysis and **data visualization via Excel Dashboard**.
- Gathered data from Kaggle, conducted rigorous **data cleaning**, for insights, and **created an interactive Excel dashboard**.
- Implemented substantial **25 percent reduction in order processing time**, enhancing operational efficiency and customer satisfaction. Identified popular items and regional preferences for targeted marketing, improved **pricing strategies**, and provided an intuitive interface for **data exploration**.

Education

Sir M Visvesvaraya Institute Of Technology   **Jan. 2021 – Sept 2022**
Master Of Computer Application (MCA) 7.8 GPA   *Bangalore, Karnataka*

Seshadripuram First Grade College   **2018 − 2021**
Bachelor Of Computer Application (BCA) 8.0 GPA   *Bangalore, Karnataka*

Certifications

- **Data Analysis Essentials** Cisco Networking Academy
- **Overview of Geoprocessing using Python By** Indian Space Research Organisation
- **Golden Badge in SQL Programming 2023** HackerRank