

VINOD MAHAJAN

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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 Matrics 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](#)