Shobhit Singh — Data Analyst

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Summary

Pioneering Data Analyst harnessing the power of Python and SQL for Data Analysis. Mastering data analysis tools including Power BI, MS-SQL, and Excel, with a flair for visual storytelling using PowerBI, Excel, Matplotlib, Seaborn etc . Championing effective communication, adept problem-solving, collaborative teamwork, and seamless adaptability for impactful contributions to every project.

Skills

Programming: Python, SQL
Python Libraries: Numpy, Pandas
Data Visualization: Power BI, Excel, Matplotlib, Seaborn
Data Analysis tool : Power BI, MS-SQL, MS-Excel, Jupyter Notebook

Work Experience

Intellipaat Software Solutions Pvt. Ltd.
Data Analyst Intern   *1st May, 2023—30th April, 2024*

Certification

Intellipaat Software Solutions Pvt Ltd.
PowerBI Course   *Jul 2024*

Intellipaat Software Solutions Pvt Ltd.
Python Training   *Jul 2024*

Intellipaat Software Solutions Pvt Ltd.
SQL Course   *May 2024*

Intellipaat Software Solutions Pvt Ltd.
Advanced Certification in Data Analytics for Business   *July2024*

Education

Deshbandhu College, University of Delhi   **Delhi**
Bachelor of Arts (Honors) in History   *2015–2018*

Projects

Credit Card Transaction & Customer Report
(Power BI) Link
○ **Loaded and transformed data into Power BI for seamless analysis**
○ **Created dynamic dashboards using advanced DAX functions to provide actionable insights**
○ **Developed a DAX-powered dashboard, simplifying insights for focused management decisions**
○ **Delivered a comprehensive BI solution that enhanced decision-making capabilities**
○ **Improved data-driven decision-making by providing clear and concise visualizations**
○ **Enhanced the ability to track and analyze customer behavior and transaction patterns.**

Project Title: Coffee Shop Sales Analysis (Excel) Link
○ **Cleaned and organized sales data for accurate analysis**
○ **Created detailed pivot tables to summarize sales data**
○ **Built various charts to visualize trends and patterns**

- Developed slicers to enable dynamic filtering and in-depth exploration of data
- Created custom measures to calculate key performance indicators (KPIs)
- Enhanced data-driven decision-making by providing clear, actionable insights into sales performance and customer behavior
- Improved the ability to identify sales trends and optimize business strategies

Project Title: Flight Booking Price Prediction (Python) [Link](#)
- Utilized NumPy and Pandas for data manipulation and cleaning
- Applied Matplotlib and Seaborn for data visualization
- Ensured data integrity through exploratory data analysis (EDA) and encoding categorical variables
- Employed Variance Inflation Factor (VIF) for feature selection and applied standardization
- Built multiple regression models, with the Random Forest regression model achieving an R^2 score of 0.98466, indicating a 98% accuracy rate

Achievements

Hackerrank: Achieved HackerRank 5-star gold badge in SQL