Data Analyst

SHOBHIT SINGH

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Objective

Detail-oriented Data Analyst proficient in Data Analytics, Visualization, Statistical Analysis, and Database Management. Skilled in Python, SQL, Power BI, and Excel with a passion for delivering data-driven solutions that drive business growth. Adept at problem-solving, visual storytelling, and effective communication, seeking to contribute to impactful projects in a collaborative environment.

Skills

- SQL
- Python – Pandas | NumPy | Seaborn | Matplotlib
- Data Analytics | Data Modeling | Data Visualization | Data Cleansing | Data Transformation | ETL Processes | EDA
- Excel – Vlookup | Conditional Formatting | Pivot Table
- Microsoft Power BI | Power Query | Dax

Work Experience

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

- Cleaned and validated over 100,000 records, ensuring data accuracy and integrity using Power Query, achieving 100% SQL query accuracy in MS-SQL.
- Executed data modeling, ETL processes, and data preparation to uphold analytics precision and integrity.
- Developed interactive Power BI reports and dashboards to visualize and analyze business data, providing insights for decision-makers.
- Created dynamic, data-driven visualizations with the help of analytical tools

Projects

Flight Booking Price Prediction | Link

- Developed a machine learning model to **predict flight prices with 98% accuracy** using Random Forest regression, improving forecasting reliability.
- Conducted exploratory data analysis (EDA) and **handled 100K+ records**, ensuring data integrity and optimal feature selection through Variance Inflation Factor (VIF) and encoding techniques.
- Enhanced model performance through hyperparameter tuning, contributing to a potential **20% increase in client profitability** by optimizing flight pricing strategies.

Credit Card Transaction & Customer Report | Link

- Built dynamic dashboards **analyzing $57M in total revenue**, with detailed insights on transaction types, card usage, and customer demographics using advanced DAX functions.
- Conducted data segmentation, revealing that **93% of transactions** involved Blue and Silver credit cards, **contributing $57M in revenue**; identified gender-based revenue contributions of **$31M (male**) and **$26M (female).**
- Analyzed regional data showing TX, NY, and CA accounted for 68% of total transactions while tracking key metrics such as **activation rate (57.5%)** and **delinquency rate (6.06%)** for performance monitoring.

Certifications

Intellipaat Software Solutions Pvt Ltd.
Python Training
Intellipaat Software Solutions Pvt Ltd.
Advanced Certification in Data Analytics for Business

Intellipaat Software Solutions Pvt Ltd.
Power BI Course
Intellipaat Software Solutions Pvt Ltd.
SQL Course

Education

Deshbandhu College, University of Delhi
Delhi Bachelor of Arts (Honors) in History

Achievements

Hackerrank: Achieved HackerRank 5-star gold badge in SQL