

ABHISHEK VERMA

Skills

- SQL (PostgreSQL, MySQL)
- Python (Pandas, NumPy, SciPy, Matplotlib)
- Microsoft Power BI (DAX, API, Power Query)
- Excel (VLOOKUP, Conditional Formatting, Pivot Tables)

Projects

ENERGY CONSUMPTION DASHBOARD –

November 2023

- Created a dashboard with **POWER BI** to help client/government compare between different energy consumption Categories (water, electricity, gas) packages.
- Implement data transformation in **POWER QUERY**, establishing relationships between fact and dimension tables, implementing DAX measures, and creating impactful visualizations to ensure data completeness and validity.
- Additionally, it incorporates a **NAVIGATION BAR** with bookmarks and a Page Navigator button for enhanced experience.
- Provided technical insights on how the client can fully utilize their data by save energy consumptions.

SUPER STORE SALES DASHBOARD –

October 2023

- Developed a comprehensive POWER BI dashboard to empower clients in comparing sales and profits across diverse fields such as segments, regions, categories, ship modes, sub-categories, quantities, deliveries, and states.
- I utilized advanced data analysis techniques, with a focus on time series analysis, to extract valuable insights.
- Accomplished a 15-day sales **FORCASTING** milestone in Power BI, utilizing advanced data analysis techniques and creating interactive dashboards that drove significant business success.

DIGITAL MUSIC STORE ANALYSIS –

August 2023

- Utilized **SQL** to extract data from 8 different related tables from music store databases using **JOIN** and **SUBQUERY**
- Retrieve the answers to the questions from the database, categorizing them based on difficulty levels using **AGGREGATE FUNCTIONS** and **CASE STATEMENTS**. This aims to enhance the analysis of the digital music store.

DIWALI SALES ANALYSIS USING PYTHON –

April 2023

- Proficiently executed **Exploratory Data Analysis (EDA)** in Python, revealing nuanced customer insights based on parameters such as gender, age group, marital status, and location.
- Identified a lucrative market segment: married women aged 26-35 in Uttar Pradesh, Maharashtra, and Karnataka, working in IT, Healthcare, and Aviation, displaying a strong preference for Food, Clothing, and Electronics categories.

Education

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE – Chandigarh University

Specialization: Artificial Intelligence and Machine Learning

Session: 2020 – 2024

SENIOR SECONDARY (XII), SCIENCE

ARYAN PUBLIC SENIOR SECONDARY SCHOOL, SUNNI (SHIMLA)

Board-CBSE: 2020

MATRICULATION (X)

ARYAN PUBLIC SENIOR SECONDARY SCHOOL, SUNNI (SHIMLA)

Board-CBSE: 2018