ABDUL SAMAD

DATA ANALYST

https://github.com/AbdulSamad512?tab=repositories

OBJECTIVE

As a result-oriented professional with strong expertise in data visualization, I aim to leverage advanced visualization techniques and data-driven insights to contribute effectively as a Data Analyst. With a deep proficiency in SQL, Power BI, Excel, Python, and Machine Learning. I have successfully delivered actionable insights and impactful solutions across numerous Data Analyst projects.

EXPERIENCE

Currently working in Data Analyst domain at Diamond SuperMarket.

FINANCE DASHBOARD

Developed a Personal Finance Dashboard in Power BI to offer insights into personal financial health, featuring key metrics like Income, Expense, and Available Balance. It includes functionalities such as tracking income against targets, monthly expense tracking, and trend analysis for main and side incomes. Alerts and notifications help users manage debts and outstanding payments. Interactive elements include monthly filters and dynamic KPIs with visual representations. The result is an intuitive interface that supports effective financial tracking and goal management.

INCOME STATEMENT DASHBOARD

In this project, I have created an income statement dashboard in Power BI to compare financials from two different years. The process involves transforming and shaping datasets from a simple journal and chart of accounts using Power Query. Next, a data model is created in Power BI with the transformed datasets. Finally, the income statement is visualized in Power BI, enabling a comparison of financial data from the two years.

INTERNAL AUDIT/EXPENSEANALYSIS DASHBOARD

The Internal audit dashboard visualizes risk ratings by audit managers, outcomes, city/location, and departments, showing high-risk areas through pie charts, maps, and treemaps. The Expense analysis dashboard provides an overview of

CONTACT

tech365developer@gmail.com

03313689644

https://www.linkedin.com/in/abdul-samad-ali-abbasi-40859926a/

https://github.com/AbdulSamad512?tab=repositories

ABOUT ME

I am passionate about transforming complex data into actionable insights that drive strategic decisions. I leverage Advanced techniques to deliver clear, impactful solutions.

EDUCATION

For-Men College Nazimabad.
BS in Artificial Intelligence, [DUET].
Certified Artificial Intelligence Developer, [PIAIC].
Certified Python Developer, [ehunar].

SKILLS

Python, SQL, POWER-BI, EXCEL, PySpark, Microsoft Fabric, Machine Learning, Flask, Streamlit, Big-Data.

departmental spending by expense type and employee, using bar charts and a Sankey diagram to detail cash versus companypaid expenses. Both dashboards offer insights for better risk management and cost control.

SALE&PURCHASE RATIO ANALYSIS DASHBOARD:

As a Data Analyst for the Sale & Purchase Ratio Analysis Dashboard project, I developed a dashboard to optimize sales and purchasing strategies. I analyzed four main areas: Home, Product, Vendor, and YTD Analysis. For Home, I assessed brand relationships, purchase intent, and warehouse metrics. In the Product section, I tracked KPIs for top sales and purchases and used matrix charts for monthly trends. The Vendor section focused on product performance and top vendors, while the YTD Analysis tracked sales growth with dynamic slicers for year-over-year trends.

Sales Analysis Dashboard

In this dashboard working with four key sections: Sales Overview, Cost Overview, Profit Overview, and YTD Analysis. The sales features KPIs and dynamic filters to analyze sales by time, store, and brand. The cost overview focuses on COGS and provides insights with Top N Products by Cost. The profit overview highlights top profitable groups and includes comparisons of total profit and YoY trends. The ytd overview enables comparative analysis of current and year-to-date performance across sales, costs, and profits, with data accessible via an integrated website.

End-to-End Supermarket Sales Prediction

I developed a robust machine learning model for predicting supermarket sales, utilizing a comprehensive dataset. The project involved extensive data preprocessing, including handling missing values, scaling features, and engineering new features like price binning. I implemented a Random Forest Regressor to predict sales, achieving a low mean squared error. The workflow included data imputation for handling zeros, feature scaling with StandardScaler, and model evaluation using a train-test split approach. This project showcases my ability to manage the machine learning pipeline, from data cleaning and feature engineering to model development and evaluation.

Streamlit-powered EDA dashboard

I developed a streamlit powered dashboard for Superstore Sales Analysis, enabling users to upload data, filter by parameters like date and region, and visualize sales trends with interactive charts. Using Plotly and Pandas, the dashboard supports detailed time series and hierarchical data views. It also allows users to download filtered datasets and visualizations for in-depth sales analysis.

Order Data Analysis

I conduct analysis using Python, Pandas, SQL, and SQL Server, involving data import, cleaning, preprocessing, and loading into SQL Server. I then performed in-depth analysis with SQL queries to derive meaningful insights from the dataset.