Project Portfolio: SQL & Power BI Data Analysis

"Internship Projects: Data Analyst Portfolio"

Welcome to my Data Analyst Internship Project Portfolio, showcasing the projects I completed during my internship. These projects highlight my skills in SQL, Power BI, and Data Analysis, covering various data-driven challenges.

This document includes six projects in domains like Sales, Olympics, Road Accidents, Stock Market, Supply Chain, and Netflix Data Analysis. Throughout these projects, I have applied:

✓ Data Cleaning & Transformation (SQL & Power BI)

✓ Exploratory Data Analysis (EDA) for Meaningful Insights

✓ Advanced SQL Queries & Data Manipulation

✓ Interactive Dashboards & Visualizations in Power BI

Each project demonstrates my ability to analyze, interpret, and visualize data effectively, helping to extract valuable insights. 🚀

1. Coffee Sales Analysis ☕

Key Insights:

Analyzed sales trends, revenue, and customer purchase patterns.

Identified top-selling products and peak sales periods.

Used SQL queries for sales aggregation and performance tracking.

Summary:

This project focused on analysing coffee sales data to uncover revenue trends, best-selling products, and seasonal demand. SQL queries helped in filtering and aggregating data for better decision-making.

2. Olympics Data Analysis 🥉

Key Insights:

Evaluated Olympic medal trends across different years.

Identified top-performing athletes and countries.

Used SQL to clean and structure historical Olympic data.

Summary:

This project explored Olympic Games data to analyze medal distribution, athlete performance, and country rankings. SQL was used to extract meaningful trends from raw data.

3. Road Accident Data Analysis 🚗
Key Insights:
Investigated accident causes and severity levels.
Analyzed most accident-prone locations and trends.
Utilized SQL queries for filtering and categorizing road accident data.
Summary:
The project aimed to analyze regulatory affairs of road accidents in India (2020), helping identify key risk factors, trends, and preventive measures through SQL-based data insights.

4. Stock Market Analysis 📈

Key Insights:

Evaluated stock price trends and volatility.

Assessed trading volumes and price movements.

Used SQL queries for financial data cleaning and performance tracking.

Summary:

This project focused on stock market data, analyzing stock trends, volatility, and historical performance.

SQL was used for aggregating stock prices and volume trends.

5. Supply Chain Management Analysis 📦

Key Insights:

Assessed supplier performance and lead times.

Analyzed shipping costs and order trends.

Used SQL to filter supply chain efficiency data.

Summary:

This project aimed to optimize supply chain operations by analyzing supplier lead times, order quantities, and logistics efficiency through SQL-based analysis.

6. Netflix Data: Cleaning, Analysis, and Visualization 🎬

Key Insights:

Examined Netflix content distribution by country and category.

Analyzed top directors, genres, and rating classifications.

Created a Power BI dashboard for visualization.

Summary:

This Power BI project focused on Netflix content analysis, identifying key streaming trends, content distribution, and rating insights through interactive visualizations.

Thank You! 🙌
Thank you for reviewing my project portfolio. Each project showcases SQL and Power BI skills applied to real-world datasets, providing valuable business insights. 🚀