

Sales Report

This sales report is a comprehensive data visualization tool designed to track and analyze sales performance metrics, covering everything from requirement gathering to publishing the report. This is a real-time scenario-based requirement.

In the first phase, I focused on understanding the business requirements, then understanding the data, and dividing the data into dimensions and facts tables after loading it from different sources. As we all know, getting accurate data can be challenging in real-time, especially since data can come from various sources.

In the second phase, I fully concentrated on data cleaning wherever required. This phase involved data modeling, data preprocessing, and data transformation as per the business requirement document, and building the appropriate relationships between the tables.

In the third phase, I focused on building the UI report using charts, graphs, and custom charts according to business requirements and standards. For example, I used a slicer to filter out the countries, years, and months, and used cards/multi-row cards to reflect the total revenue, gross profit, units, top 5 sales representatives, and more.

In the fourth phase, I concentrated on publishing the report to the Power BI service and creating the dashboard. I also created a gateway to connect the source and services and scheduled the refresh as per the client's requirements.