

Power BI Dashboard Project Report

Introduction

This report outlines the process of building an interactive dashboard using Power BI. The dashboard serves to visualize key data insights for informed business decision-making.

Abstract

Power BI is a powerful tool for data analysis and visualization. This project demonstrates how raw data can be transformed into meaningful visual reports and dashboards to derive insights.

Tools Used

- Power BI Desktop
- Power BI Service (Web)
- Excel (as the data source)
- DAX (Data Analysis Expressions)
- Power Query Editor

Steps Involved in Building the Project

1. Import the dataset into Power BI Desktop.
2. Clean and transform data using Power Query Editor.
3. Create relationships between tables in the data model.
4. Design report pages with visuals such as bar charts, KPIs, and slicers.
5. Publish the report to Power BI Service.
6. Pin report visuals to a dashboard in Power BI Service.
7. Share the dashboard with stakeholders and configure data refresh.

Power BI Dashboard Project Report

Conclusion

Creating a dashboard in Power BI enables interactive, real-time insights from raw data. The tool's user-friendly interface and powerful features make it ideal for data storytelling and strategic decision-making.