Portfolio Project: Employee Attendance Dashboard (Power BI)

Project Overview: This dashboard provides an interactive view of employee attendance data, enabling HR and management to monitor presence, absences, leaves, and late arrivals across different departments.

Objectives:

- Track daily and monthly attendance trends.

- Analyze department-wise attendance performance.

- Monitor key metrics such as Total Presents, Absents, Leaves, Lates, and Working Days.

- Enable dynamic filtering by department and date range.

Data Source: Excel dataset (simulated HR attendance data) with fields like Employee ID, Name, Department, Date, and Status.

Key Features:

- KPIs (Cards) – Presents, Absents, Leaves, Lates, Working Days.

- Daily Attendance Trend (Line chart).

- Department-wise Attendance (Column chart).

- Detailed Employee Table.

- Interactive Filters and Date Range Slicer.

Tools & Skills Used: Power BI Desktop, Power Query, DAX, Data Visualization, Filters & Slicers, Drill-Through.

Insights Derived:

- Marketing and IT departments showed the highest presence rates.

- Finance and HR had slightly lower attendance with more absences.

- Peak absences occurred on specific dates, indicating trends.

Impact: Enabled HR teams to quickly identify patterns in attendance, optimize leave policies, and address punctuality issues.

Portfolio Description: Built an interactive HR analytics dashboard in Power BI to track and visualize attendance trends. Used Power Query for cleaning, DAX for KPIs, and visualizations for insights.