Case Study: Monthly-Level Interactive Financial Report

Objective

The objective of this project was to design an interactive Power BI dashboard to monitor monthly financial KPIs and trends. The dashboard tracks Revenue, Gross Margin %, EBITDA %, and Net Cash. It provides visuals for Revenue & Profit Trend, Budget vs Actual Variance %, Product/Service Performance, Receivables Aging, and Cash Flow Waterfall.

Logic / Data Modeling

• Data was sourced from FinancialDashboardProject.csv (2023–2024).

• A DimDate table was created covering Jan 2023 to Dec 2024.

• Relationship established: FinancialDashboardProject[Month] → DimDate[Date] (Many-to-One).

• DAX measures were developed for Revenue, Gross Profit, Margin %, EBITDA, Budget, and Cash Flow.

• Receivable and Payable aging buckets were created as calculated columns.

Insights Delivered

• Revenue & Profit Trend: Tracks monthly performance with drill-down capability.

• Budget vs Actual Variance %: Compares actual revenue against budget and highlights variance trends.

• Product/Service Performance: Shows contribution of each product/service to overall revenue.

• Receivables Aging: Categorizes outstanding receivables into aging buckets (0–30, 31–60, 61–90, 90+ days).

• Cash Flow Waterfall: Visualizes monthly inflows, outflows, and net cash movement.

Assumptions

• Dataset is clean and complete for the period 2023–2024.

• Revenue Budget is provided at monthly level and is directly comparable to actual revenue.

• Receivables and Payables aging values are pre-calculated in the dataset.

• All financial data is in a single currency; no exchange rate adjustments applied.

Usage

The dashboard enables filtering by Year, Region, and Product/Service through slicers. Users can drill down from Year → Quarter → Month in trend visuals. Tooltips provide additional KPI details such as Gross Margin % when hovering over Revenue data points.