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Power BI Project: Personal Financial Management Dashboard
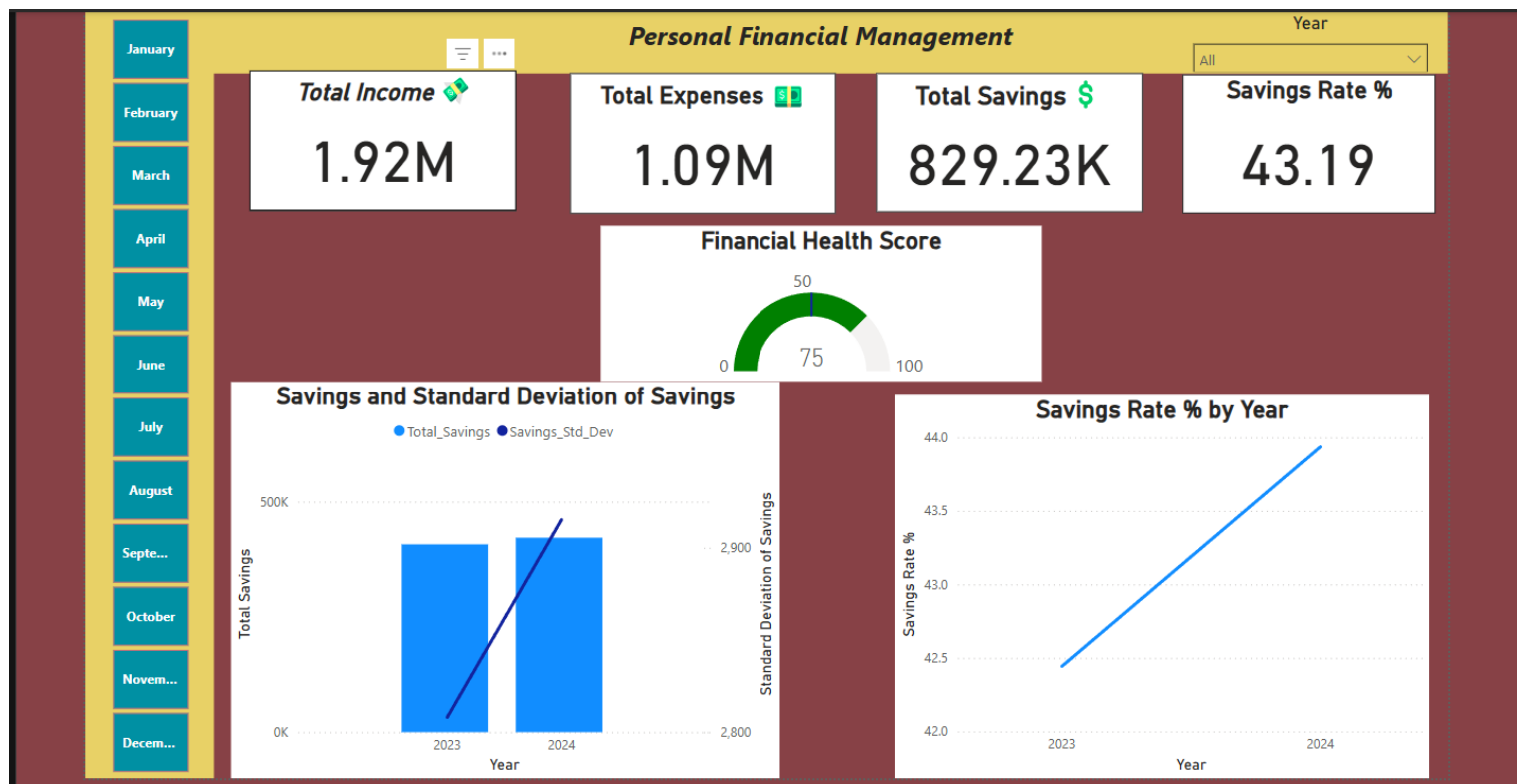
Project Overview:

This Power BI project was developed to create a **Personal Financial Management Dashboard** that helps individuals monitor their financial health, manage expenses, plan future savings goals, and understand their financial performance over time.

The project is divided into three key dashboards:

- **1. Overall Financial Summary Dashboard**

- **2. Detailed Expense Analysis Dashboard**

- **3. Goal-Based Savings Planning Dashboard**

Each dashboard was designed to be dynamic and user-friendly, enabling users to interact with slicers (like Month, Year, Goal Name, etc.) to customize the data view according to their preferences.

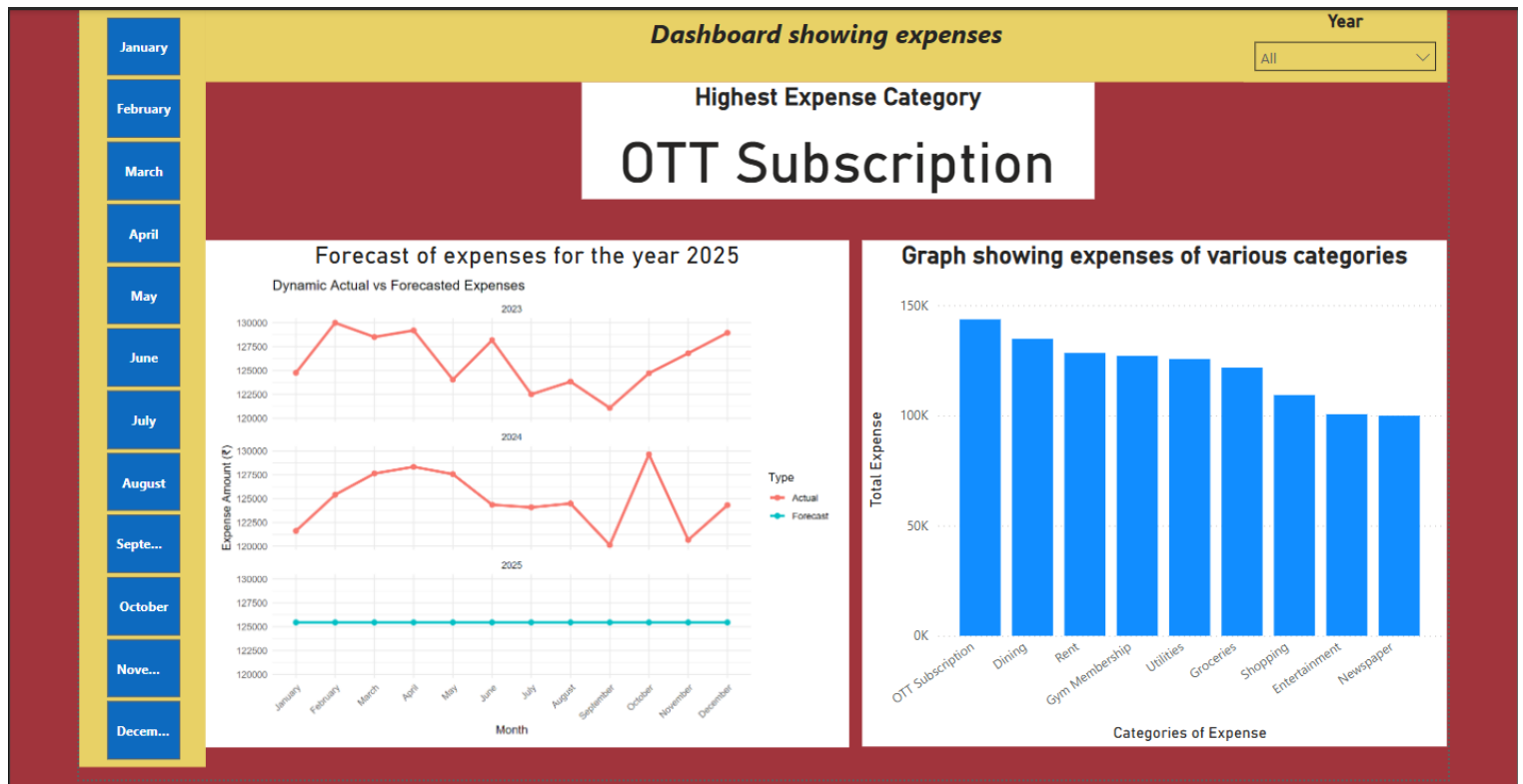## *Dashboard 1: Overall Financial Summary*

Highlights:

- Displays **Total Income**, **Total Expenses**, **Total Savings**, and **Savings Rate %**.

- Shows a **Financial Health Score** based on savings performance.

- Bar and Line graphs visualize **Total Savings** and **Savings Rate %** across years.

- Monthly selection slicers allow viewing financial metrics month-by-month.
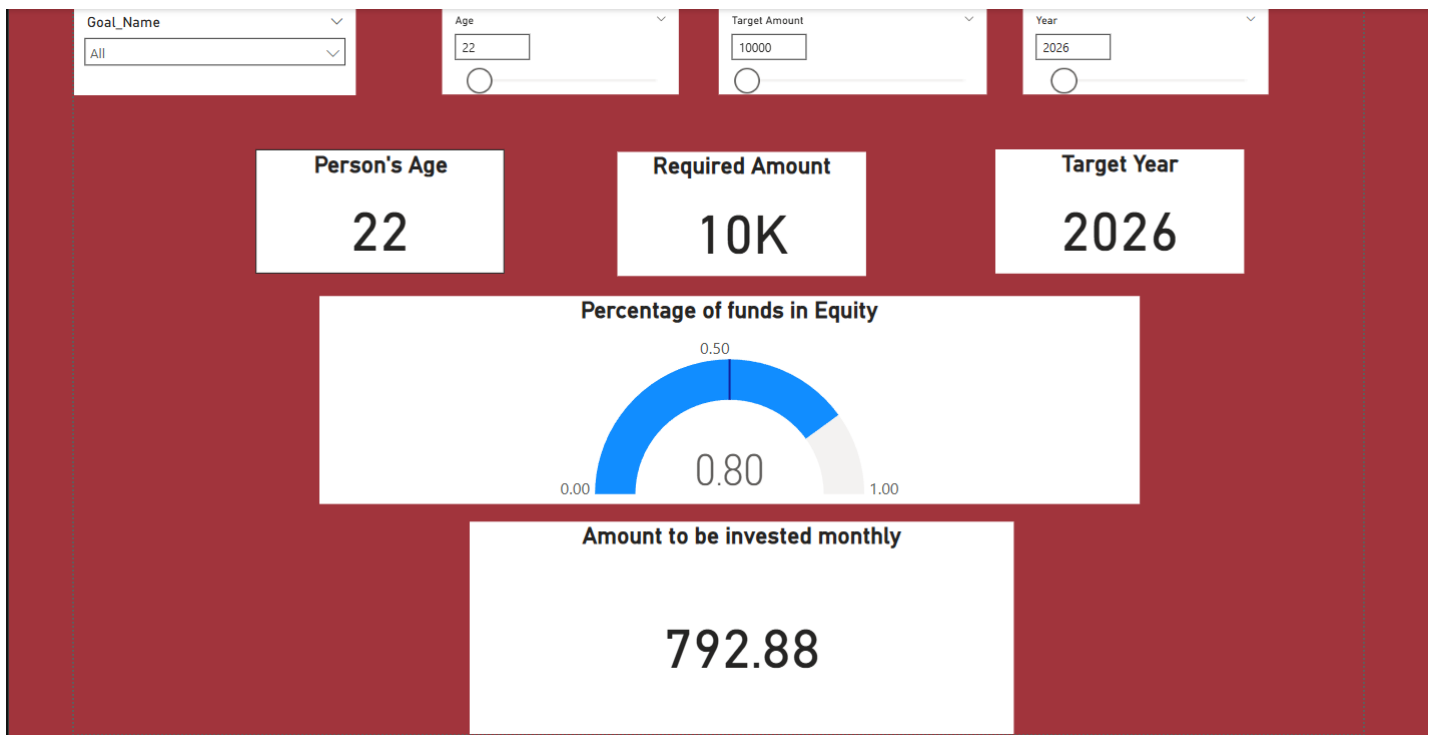
Dashboard 2: Detailed Expense Analysis

Highlights:

- Identifies the **highest expense category** dynamically (OTT Subscription in this case).

- Displays a **forecast** of expenses vs actual expenses for future years (2025).

- Bar chart provides a **comparative view** of expenses across different categories like Dining, Rent, Gym Membership, Utilities, etc.

- Helps track where most money is being spent and areas where budgeting improvements can be made.

Dashboard 3: Goal-Based Savings Planning

Highlights:

- Allows users to select their **Age**, **Target Amount**, and **Target Year**.

- Calculates the **Required Monthly Investment** based on the selected inputs.

- Shows **Equity allocation percentage** depending on the user's age and time horizon.

- Encourages systematic financial planning to meet future goals like education, marriage, travel, etc.

Tools and Techniques Used:

- Power BI

- DAX Formulas for dynamic calculations (such as Monthly Investment Formula, Savings Rate %, etc.)

- Visualizations: Cards, Gauges, Line Charts, Bar Charts

- Dynamic slicers for interactive filtering

- Forecasting models for expense prediction