# **Personal Expense Tracker**

## Features:

1. **Add Expense:** Prompts for date (YYYY-MM-DD), category, amount, and description with input validation
2. **View Expenses:** Displays all expenses in a formatted table with total calculation
3. **Budget Tracking:** Set monthly budget and compare against total expenses with warnings/ remaining balance
4. **File Handling:** Saves/loads expenses to/from CSV file with automatic loading on startup
5. **Interactive Menu:** Clean menu-driven interface with options 1-5

## Key Implementation Details:

1. Data Structure: Each expense is stored as a dictionary with date, category, amount, and description
2. Input Validation: Validates date format, ensures non-empty fields, and checks for valid numeric amounts
3. Error Handling: Handles file I/O errors, invalid inputs, and incomplete expense entries
4. Budget Management: Stores budget in the CSV file and provides clear feedback on spending
5. User-Friendly Interface: Clean formatting and clear prompts

## How to Use:

1. Run the program - it automatically loads any existing expenses. (Use python main.py)
2. Use the menu to add expenses, view them, track your budget, or save data.
3. The program automatically saves when you exit. View your expenses in expenses.csv file.

The code handles all the edge cases mentioned in the requirements, including skipping incomplete entries and providing appropriate user feedback.