# Personal Expense Tracker

## Objectives

* Develop a user-friendly expense tracking application in Python.
* Allow users to set a monthly budget and compare it against total spending.
* Support adding, viewing, and categorizing expenses.
* Implement saving and loading of expenses to a CSV file for data persistence.
* Provide clear reporting of all expenses in a readable format.
* Include an interactive menu for intuitive navigation.

## Project Overview

This project is a command-line based Personal Expense Tracker that helps users manage their monthly spending. Users can input expenses with date, category, amount, and description. They can also set a budget and get alerts when spending exceeds the budget.

All expenses are saved into a CSV file and loaded automatically when the program starts, allowing users to pick up where they left off.

## Features

* **Add Expense**: Enter detailed records of spending.
* **View Expenses**: Display all recorded expenses.
* **Track Budget**: Show total spending and remaining budget.
* **Save Expenses**: Write data to CSV for persistence.
* **Load Expenses**: Load data automatically when starting the app.

## Technologies Used

* Python 3.12.7
* Jupyter notebook
* CSV module for file handling

## **Conclusion**

This project demonstrates the use of basic Python programming constructs, file handling, and data validation to build a simple financial management tool.