Project Overview:
The Personal Finance Manager is a Python-based command-line application that helps users track, manage, and analyze their personal expenses. The application allows users to store expenses persistently, generate reports, and maintain backups of financial data.

Objectives:
Record daily expenses with category, date, and description
Store expense data using CSV files
Provide analytical reports to understand spending habits
Ensure data safety through backup and restore features
Deliver a simple, user-friendly command-line interface

Installation Steps:
Download or clone the project folder
Open a terminal inside the project directory
Run the application using:
python main.py

Main Menu Options:
Add New Expense
View All Expenses
Edit Expense
Delete Expense
Search Expenses
Generate Reports
Export / Backup Data
Restore Backup
Export Data to JSON
Exit Application

Example:
Adding an Expense
Enter amount
Select category
Enter date or use today's date
Add optional description
The expense is saved automatically.

Code Organization

Expense Class: Defines expense structure using @dataclass

File Operations: CSV read/write and JSON export

Validation Functions: Input validation for date and amount

Reporting Functions: Total, average, category-wise, monthly reports

Menu System: Handles user interaction and program flow

Troubleshooting Guide:

Program does not run-

Ensure Python is installed correctly

Run using python main.py

CSV file not found-

The program automatically creates it on first run

Invalid input errors-

Enter valid numeric values for amount

Use date format YYYY-MM-DD

Keyboard interrupt-

Press Ctrl + C safely exits the application