

Monthly Expenses Trackers Project

- Using Python OOPS concepts.

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Objective

I will create Python applications that help users efficiently manage and analyze their monthly expenses using OOP Concepts. The application should allow users to enter expenses, categorize them, and create summaries to track spending.

What is Python

Python is a general - Purpose, dynamically, typed high-level, interpreted, garbage collected and purely object-oriented Programming language .

List

- A built-in data type that stores set of Values.
- It can store elements of different types.
(integer, Float, String, etc)
- list are changeable and allow duplicate values.
- list are Mutable

Conditional Statement

- Condition statements in Python are used to generate code blocks based on whether a given condition is true or false.
- The most common condition statements in Python are if, elif, and else.

loops

Loops are control flow statements that allow you to execute a block of code repeatedly based on certain conditions.

OOPS

OOP is a way of organizing and designing code by using objects and functions that work on that data.

Class

A blueprint for creating objects (like a blueprint).

Object

An instance of a class.

Constructor

- In Python, a constructor is a special method used to initialize a newly created object.
- The constructor method in Python is called `__init__`.