

# Budget monitoring

Python Final Project

**Andrea Gosálvez Gimeno**



We use tech to connect human potential and  
opportunity with dignity & humility

**Are you struggling with managing your money? Are you missing a way of knowing how much do you spend where?**



**Pay attention on how to fix it: personalizing  
different categories in your budget and  
monitoring them!**



# **Why did I choose this project**



**I chose this project because I think monitoring your money is something very useful.**

**Also because I am familiar with it so I could have a sense on how to structure the steps of my code.**

# **What did I do:**

- 1-Create the classes (Category and Budget)**
- 2-Add functions that allow the user to set the different categories in the budget and track those categories**
- 3-Test part of the code (this doesn't work)**

## **The outcome:**

**An app where the user can set different categories, search their information and track their expenses in each one.**

## **What did I learn**

**I learnt how to structure a project and what it really means to take a bigger idea and put into “code-words”**

# Tools:

- **Pytest: for data manipulation and analysis**
- **<https://www.w3schools.com/>: for examples and explanations**
- **<https://chatgpt.com/>: for examples and explanations**



# Future Improvements



- Create error handling and exceptions in order to consider that the user might enter a float instead of an integer
- Add a functionality to `<spending_limit_for_alert>` where the user gets a print statement if they spent more or equal money to it in the corresponding category
- Add tests to the `<test_budget>` file to test all the code

# Future Improvements



- I still can not get my `<test_budget>` file to work. I structured everything based on <https://doc.pytest.org/en/latest/explanation/goodpractices.html#tests-outside-application-code> but it still doesn't work



# Thank you!

