365 ⌄ PROMPTS FOR **PYTHON** CODING

What are we asking the AI Assistant to help us with?   **Option** / *Example*

Help fix a coding error, and provide options to run or copy the code provided by the AI.

Debug the active code cell
→ **Run code in Notebook**
→ **Copy**

Solve a specific programming problem: task it with a clear and concise challenge

"Create a function that takes a list object as a parameter and that counts the number of values in it that are smaller than 20."

Rename object names in code (provided by either you or the AI)

"Rename function to 'count'."

Address multiple modifications with a single request

"Change the iterator variable name to x and the 'count' variable to 'total'."

Modify a function you have already created instead of starting from scratch

"Create a function that has the same purpose and structure, but that uses a 'while' instead of a 'for' loop?"

Understand a given piece of code

Explain the selected code

Add comments to a given piece of code, with options to run, apply, or copy the code received from the AI

Add comments to the selected code
→ **Run code in Notebook**
→ **Replace Selection**
→ **Copy**

Streamline code by removing unnecessary components and receiving suggestions for alternative tools to enhance performance

Refactor the selected code

Clean a dataset you have uploaded (e.g. the lending company data uploaded from a *.csv file into a DataFrame named `df_lending_company`)

"Clean the `df_lending_company` dataset."

Create a visual representation of two columns from your dataset (e.g. "AmtPaid60" and "Deposit") while in the data analysis stage

"Plot the 'AmtPaid60' against the 'Deposit' for all records containing no missing values in the relevant two columns."