

Sub-Challenge 2

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Sub-Challenge 2 - Documentation and Testing

By this point you should have a working, albeit small, Python/Flask Application. What you probably haven't done is written any tests or added any comments to explain what your code does! Let's see how we can use Generative AI to help with this.

Task 1

Test Generation:

To use the Test Generation feature, highlight a function and click Generate Test. This will generate a test specifically for that function - give it a try, run it and see what happens.

Also explore documentation and explore features of GitHub Copilot Chat.

Task 2

Generate Test Data:

Using GitHub Copilot, create an application which can generate synthetic data which can be used for testing the new application.

Task 3

Automated Test Application

Using Github Copilot, develop an application which can run some end to end test using the Data generated in previous step.