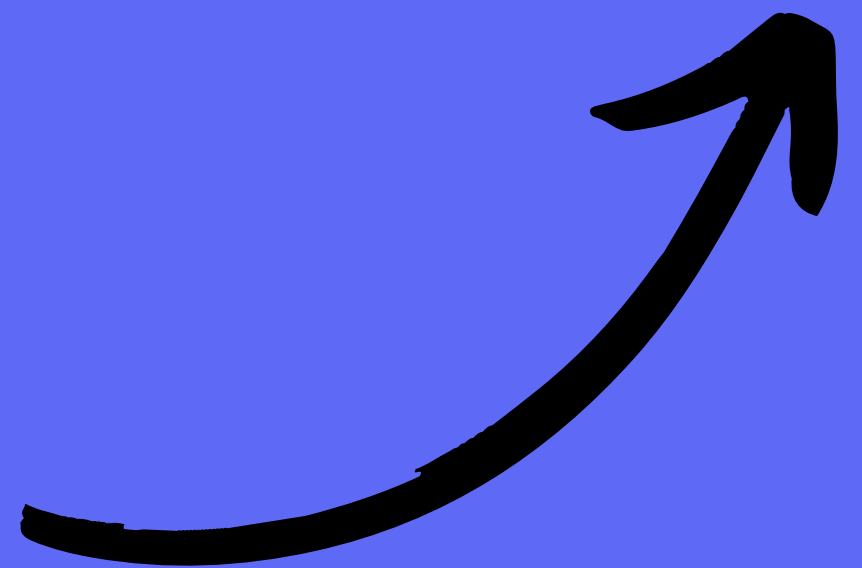
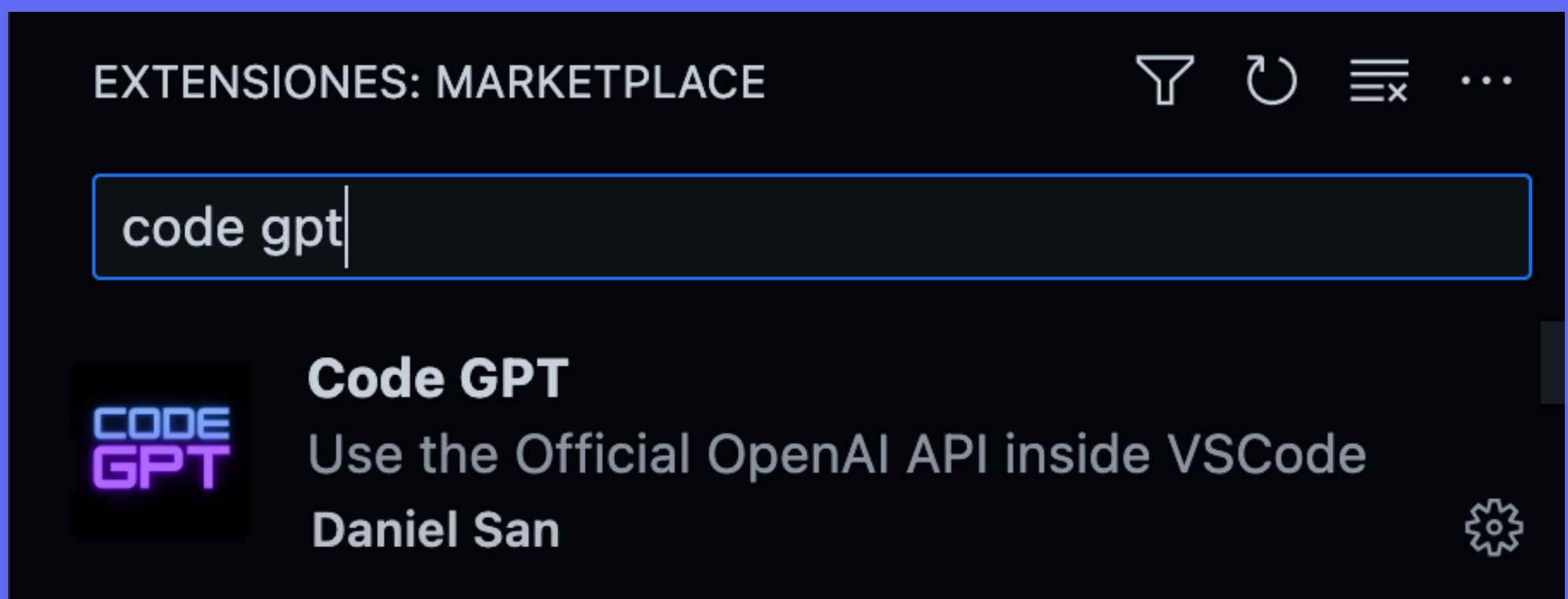


Set up CodeGPT for Visual Studio Code in < 5 minutes



1 Download & install Code GPT Extension

In the extension store, type *code gpt*



2

Get your api key

1. Create an account in **openai.com**

2. Go to View **API Keys**

3. Press *Create a new secret key*

4. Copy the API Key

ORGANIZATION

Personal ⓘ

Settings

Usage

Members

Billing

USER

API Keys

API keys

Your secret API keys are listed below. Please note that we do not display your secret API keys again after you generate them.

Do not share your API key with others, or expose it in the browser or other client-side code. In order to protect the security of your account, OpenAI may also automatically rotate any API key that we've found has leaked publicly.

SECRET KEY	CREATED	LAST USED
------------	---------	-----------

+ Create new secret key

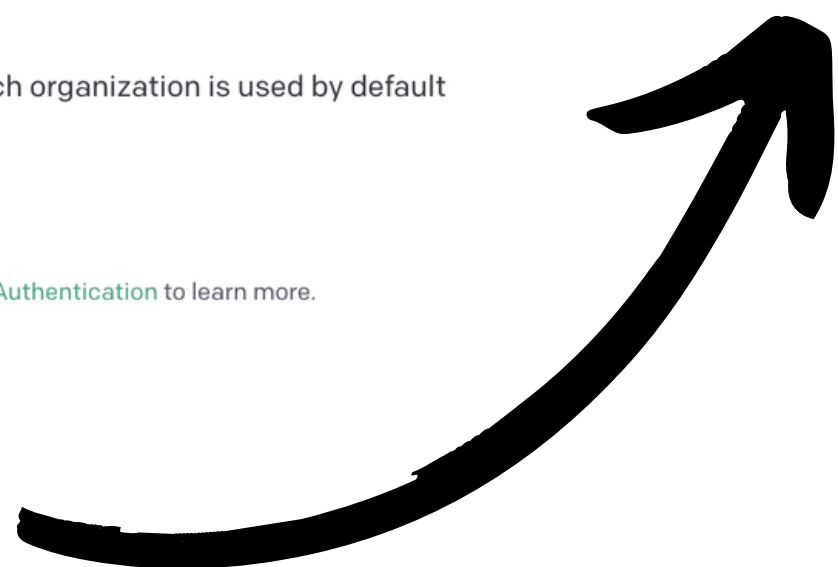
Default organization

If you belong to multiple organizations, this setting controls which organization is used by default when making requests with the API keys above.

Personal



Note: You can also specify which organization to use for each API request. See [Authentication](#) to learn more.

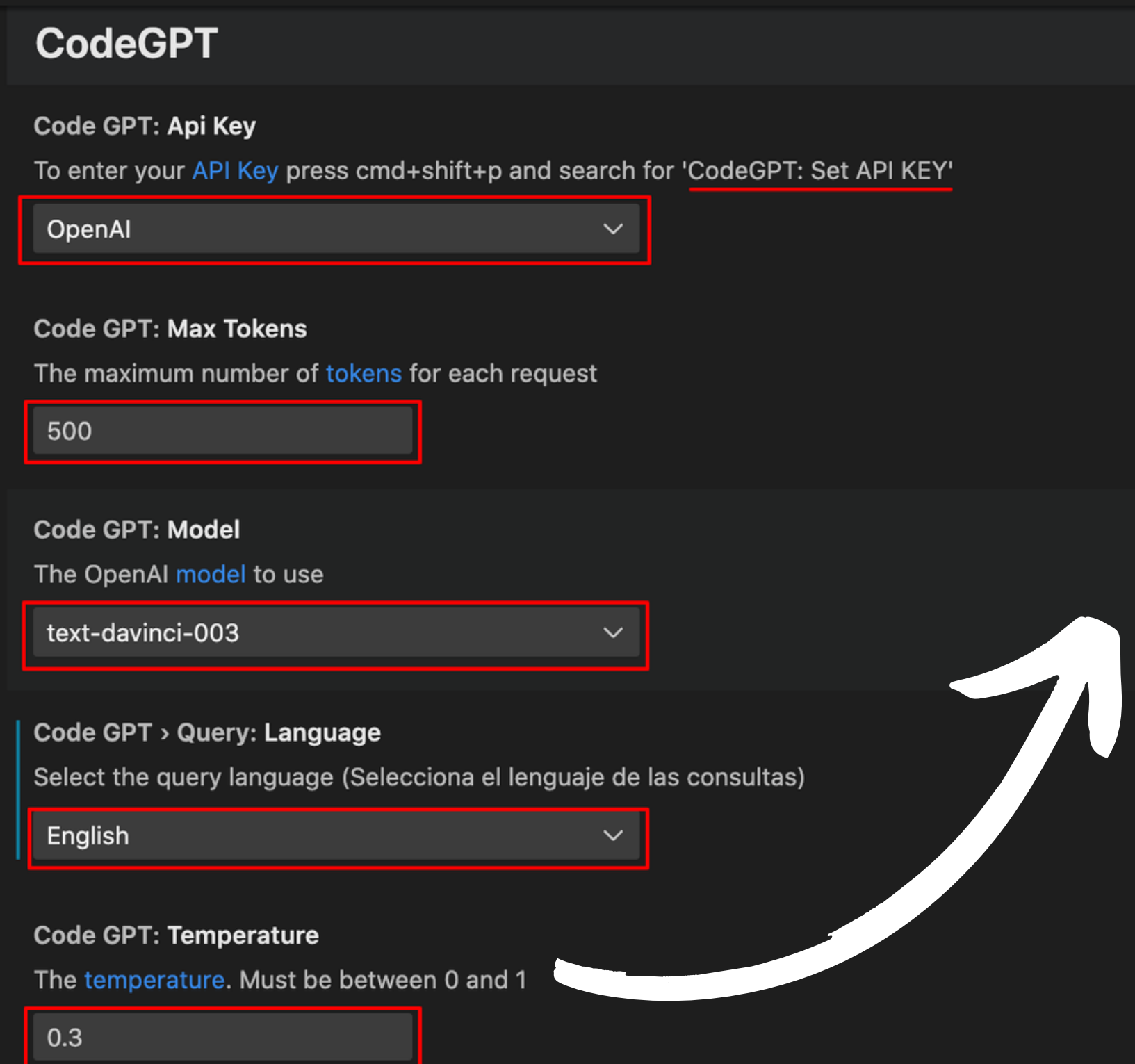
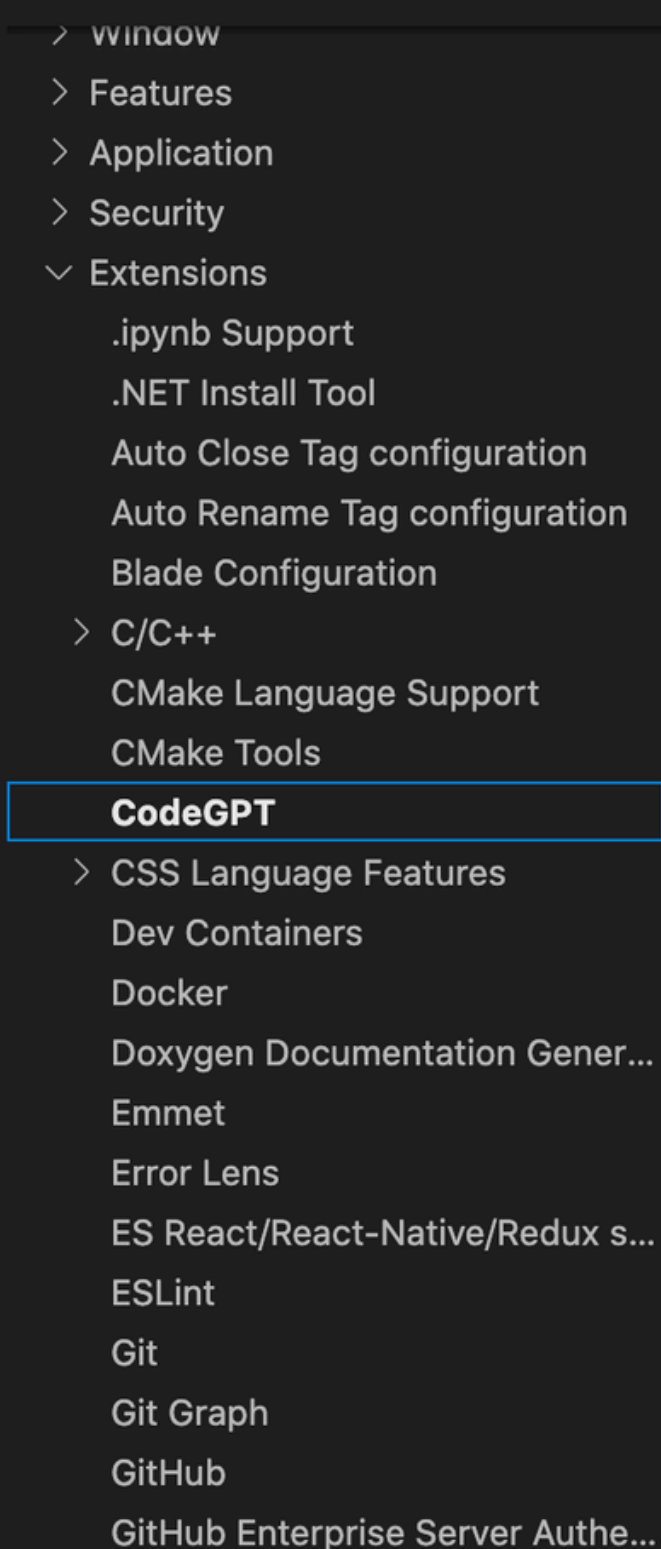


3

Configuration

1. Go to *Settings* > *Extensions* > *CodeGPT*

2. See next slide to complete the following information



3.1 Configuration

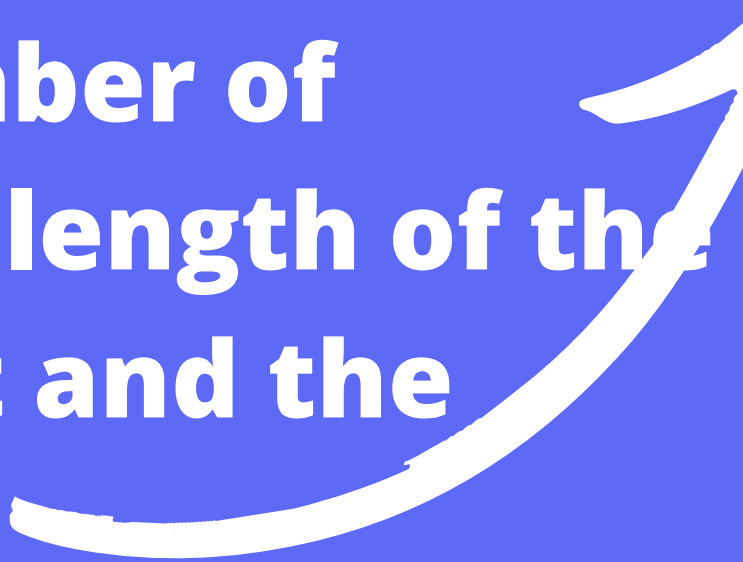
Api key

On Windows, fill it under the API key option. On macOS, press *cmd+shift+p* and search for *CodeGPT: Set API KEY*

Max Token

Tokens can be thought of as pieces of words. Before the API processes the prompts, the input is broken down into tokens.

Each model has a maximum number of tokens. Select the number of tokens depending on the length of the response you want to get and the selected model



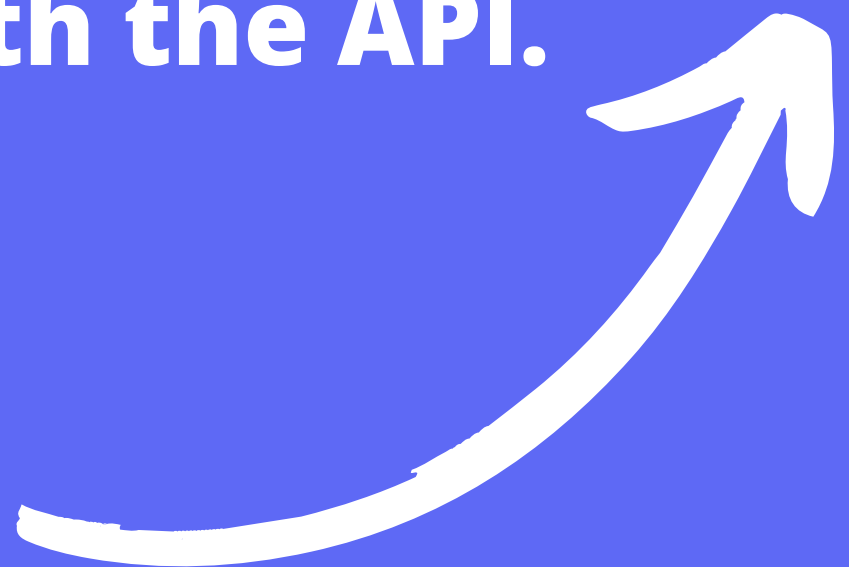
3.2 Configuration

Model

This is the OpenAI model that CodeGPT will use in processing queries. Text-davinci-003 is the most capable. It can produce higher quality and longer output, follow prompts accurately, and process up to 4,000 tokens.

Language

Select the language in which you will work the interactions with the API.




3.3 Configuration

Temperature

This setting determines the randomness or “creativity” level in the generated text.

The higher the temperature, the more varied and creative the generated output.

A lower temperature would result in an output similar to the training data and is less likely to contain unexpected or surprising content.



You're all set



**How about we
explore the
amazing things
you can do
now?**



1

Generate Code

You can request code in a comment and get the code in suggestion mode

1. write a comment asking for a specific code

2. press *cmd* + *shift* + *i* on macOS or, *ctrl* + *shift* + *i* on windows

3. Use the code 🧐

Example



2

Explain Code

You can use CodeGPT to explain code snippets you need help understanding what they do.

1. Select the code

2. Right click and select *Explain CodeGPT*

Example



3

Refactor Code

You can use CodeGPT to refactor code snippets to make them more readable, maintainable, and efficient

1. Select the code

2. Right click and select *Refactor CodeGPT*

Example



4

Unit Testing

You can use CodeGPT to write unit tests for your code to ensure they work as they should

1. Select the code

**2. Right click and select *Unit Test*
*CodeGPT***

Example



5

And more..

You can do several other things with CodeGPT, including:

- 1. documenting,**
- 2. finding problems,**
- 3. getting questions from Stackoverflow, and**
- 4. comparing the best human answer with an answer from the AI**

Check-out this [CodeGPT tutorial](#) to dive deeper





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ON LINKEDIN**



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DATA SCIENCE & SOLOPRENEURSHIP**