



Tool that we are going to use

07-11-2025

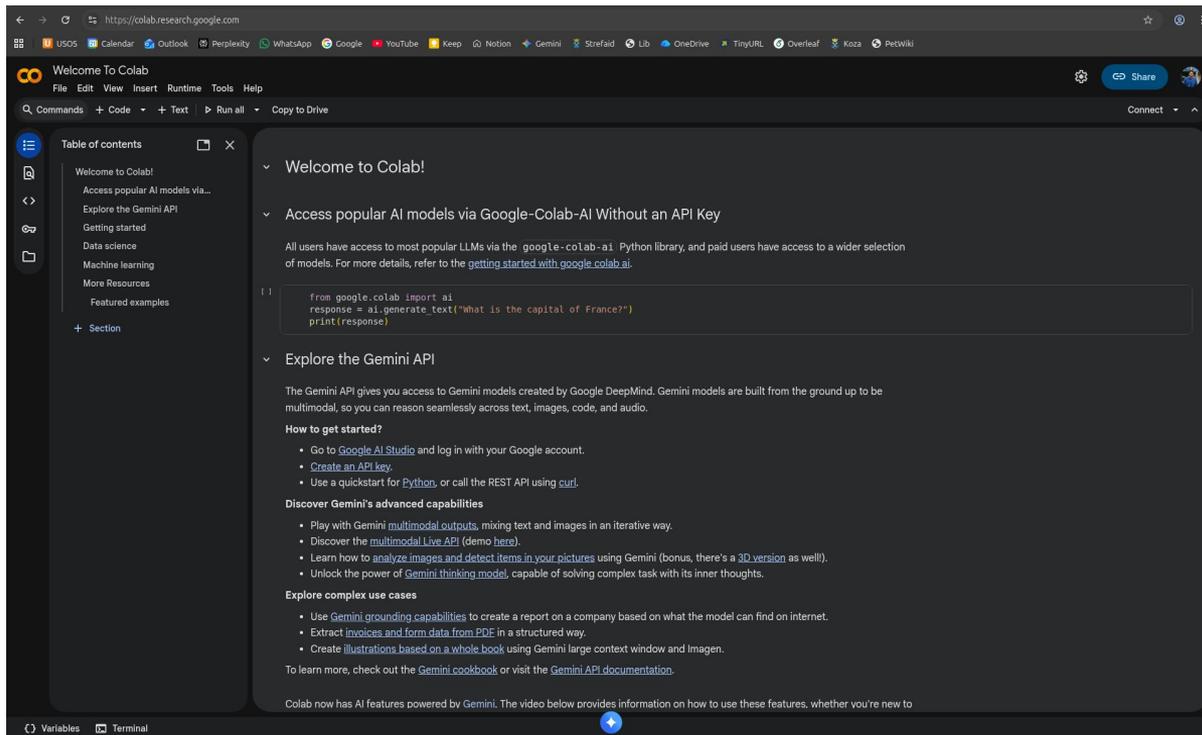
The IDE (Integrated Development Environment) => Google Colab

In short: an IDE is an all-in-one workspace that helps developers write software efficiently.

<https://colab.research.google.com/> => a **cloud-based Jupyter notebook environment** rather than a full traditional IDE.

Why this?

No need of
local setup.



The screenshot shows the Google Colab web interface. At the top, there's a navigation bar with the Google Colab logo and a 'Share' button. Below that is a menu bar with options like File, Edit, View, Insert, Runtime, Tools, and Help. A search bar and a 'Copy to Drive' button are also visible. The main content area is divided into a left sidebar with a 'Table of contents' and a main workspace. The workspace contains a notebook with the following content:

- Section: Welcome to Colab!
- Section: Access popular AI models via Google-Colab-AI Without an API Key
 - Text: All users have access to most popular LLMs via the `google-colab-ai` Python library, and paid users have access to a wider selection of models. For more details, refer to the [getting started with google.colab.ai](#).
 - Code cell:

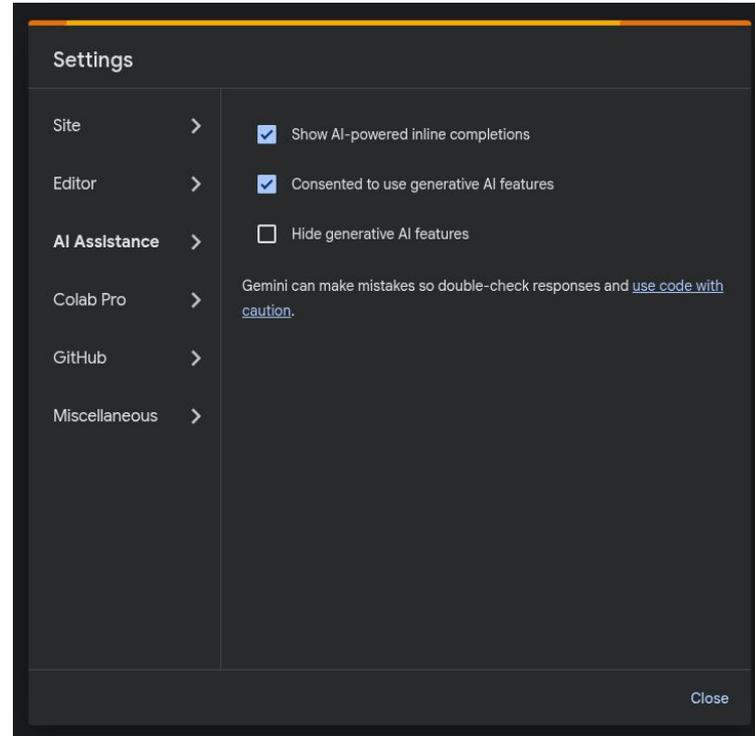
```
from google.colab import ai
response = ai.generate_text("What is the capital of France?")
print(response)
```
- Section: Explore the Gemini API
 - Text: The Gemini API gives you access to Gemini models created by Google DeepMind. Gemini models are built from the ground up to be multimodal, so you can reason seamlessly across text, images, code, and audio.
 - Section: How to get started?
 - Go to [Google AI Studio](#) and log in with your Google account.
 - [Create an API key](#).
 - Use a quickstart for [Python](#), or call the REST API using [curl](#).
 - Section: Discover Gemini's advanced capabilities
 - Play with Gemini [multimodal outputs](#), mixing text and images in an iterative way.
 - Discover the [multimodal Live API](#) (demo [here](#)).
 - Learn how to [analyze images and detect items in your pictures](#) using Gemini (bonus, there's a [3D version](#) as well).
 - Unlock the power of [Gemini thinking model](#), capable of solving complex task with its inner thoughts.
 - Section: Explore complex use cases
 - Use [Gemini grounding capabilities](#) to create a report on a company based on what the model can find on internet.
 - Extract [invoices and form data from PDF](#) in a structured way.
 - Create [illustrations based on a whole book](#) using Gemini large context window and Imagen.
 - Text: To learn more, check out the [Gemini cookbook](#) or visit the [Gemini API documentation](#).

At the bottom, there's a note: "Colab now has AI features powered by Gemini. The video below provides information on how to use these features, whether you're new to".

- Shift+Enter
- Markdown for Text

Is AI making us smarter Or dumber?... Or artificially smarter? (AI symbiotic crisis)

Turn off AI
auto-complete from
Settings



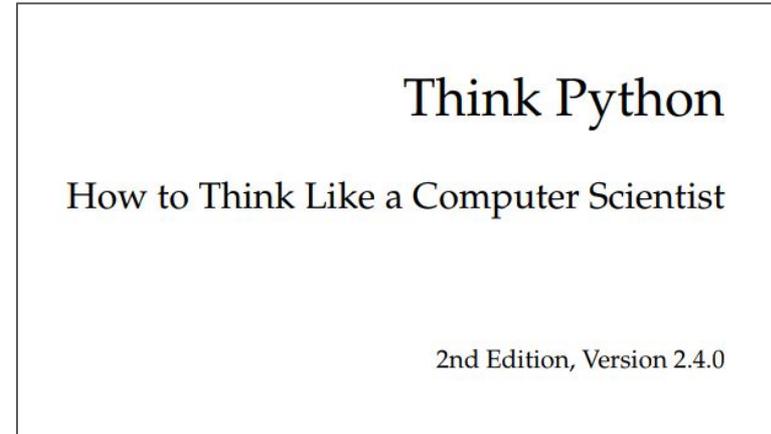
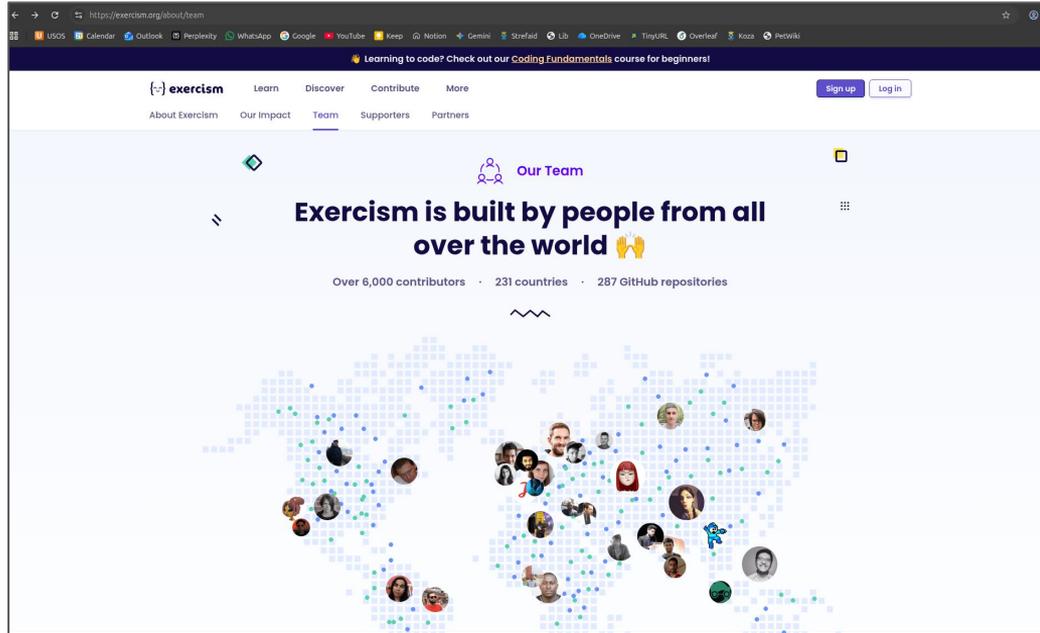
Python Documentation - 3.12.12



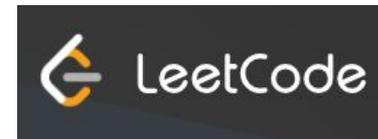
[Python Docs](#)

A screenshot of the Python 3.14.0 documentation website. The browser address bar shows "https://docs.python.org/3/". The page title is "Python 3.14.0 documentation". The main content area is titled "Python 3.14.0 documentation" and includes a welcome message: "Welcome! This is the official documentation for Python 3.14.0." Below this, there are several sections of links: "Documentation sections:" with links for "What's new in Python 3.14?", "Tutorial", "Library reference", "Language reference", "Python setup and usage", "Python HOWTOs", "Indices, glossary, and search:", "Installing Python modules", "Distributing Python modules", "Extending and embedding", "Python's C API", "FAQs", "Deprecations", "Global module index", and "Search page". On the left side, there are sections for "Download", "Docs by version" (listing Python versions from 3.15 down to 2.6), and "Other resources" (listing PEP Index, Beginner's Guide, Book List, Audio/Visual Talks, and Python Developer's Guide).

Self-Practicing (other than assignments) => Problem Solving (Logics)



PDF Link: [Think Python](#)



THANK YOU FOR YOUR

**ATTENTION TO THIS
MATTER**

