

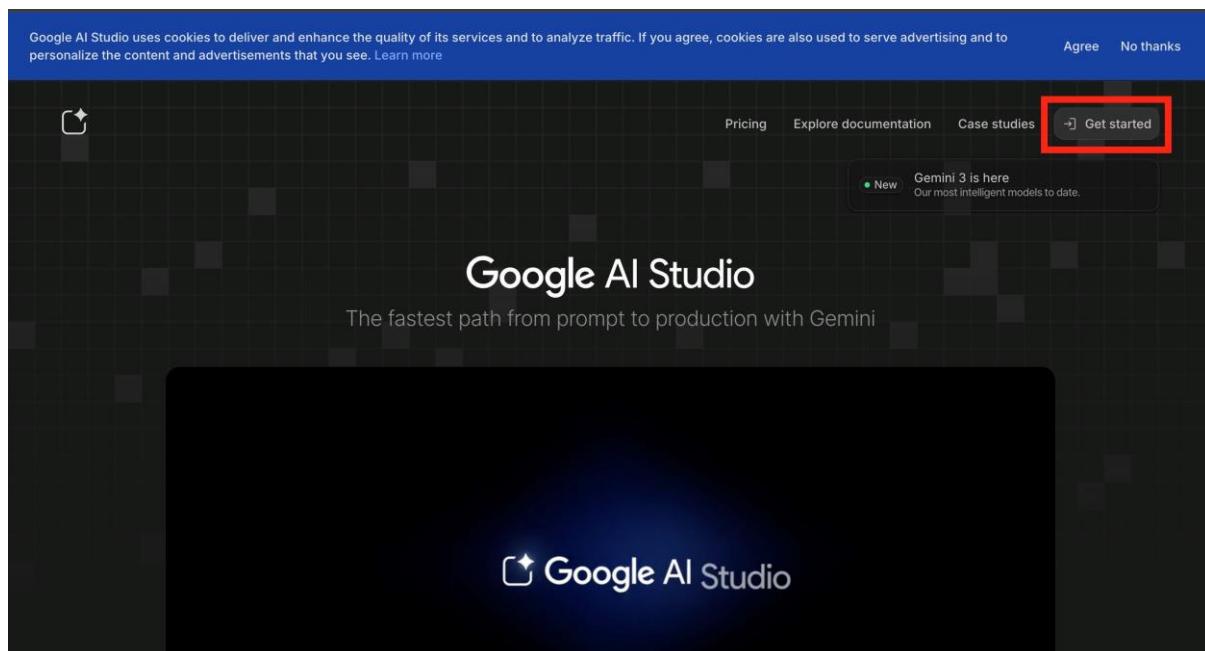
## Concepts and practical implementation using Agentic AI tools (29 January 2026) · STFC Indico

**Materials for the code walkthrough will be shared during the session as Google Colab notebooks.** Participants may choose to follow along live or review the notebooks afterward using a Google account.

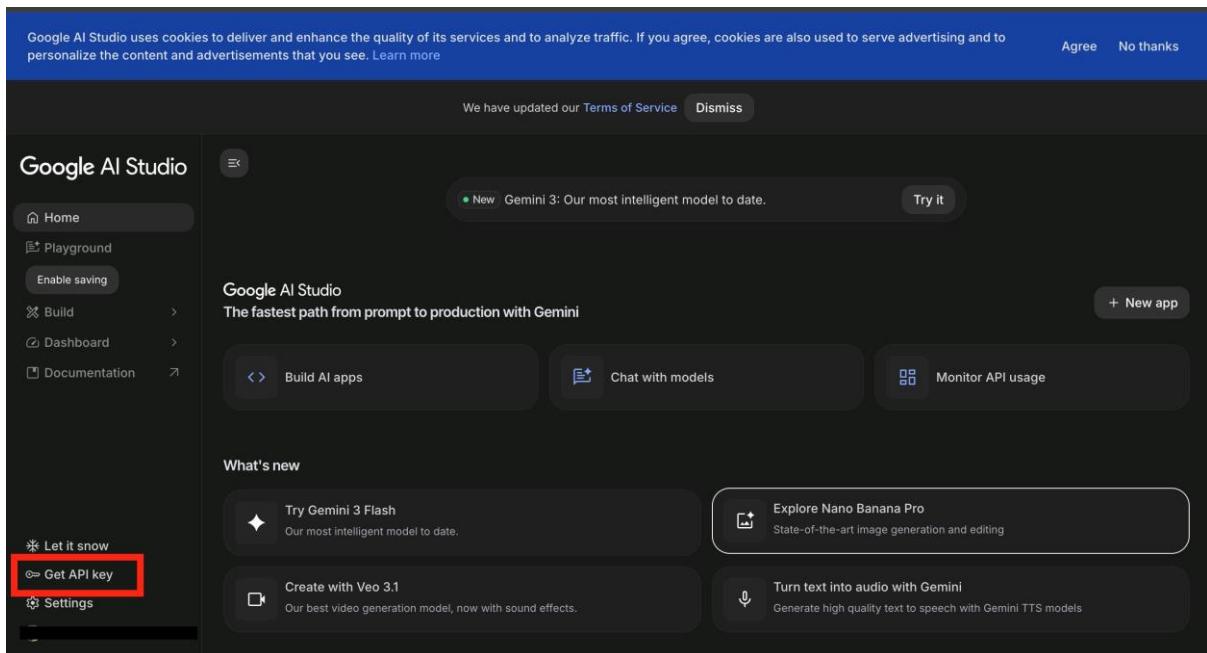
In advance of the talk:

Prepare your Google Colab environment ready with your Gemini API key

1. Go to <https://aistudio.google.com/>
2. Click on “Get started”



3. Click on “Get API key”



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The fastest path from prompt to production with Gemini

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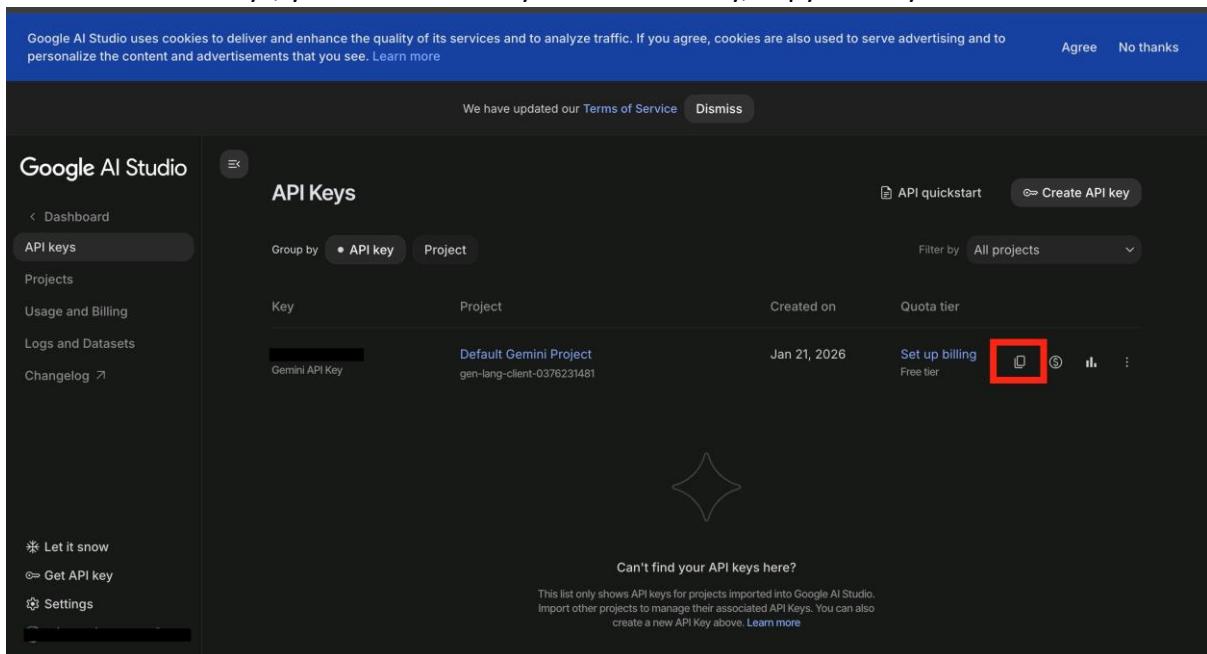
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#### 4. Under API keys, you should already have an API key, copy the key



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**API Keys**

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Key	Project	Created on	Quota tier	Actions
Gemini API Key	Default Gemini Project gen-lang-client-0376231481	Jan 21, 2026	Set up billing Free tier	 

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#### 5. Go to google colab, <https://colab.research.google.com/>

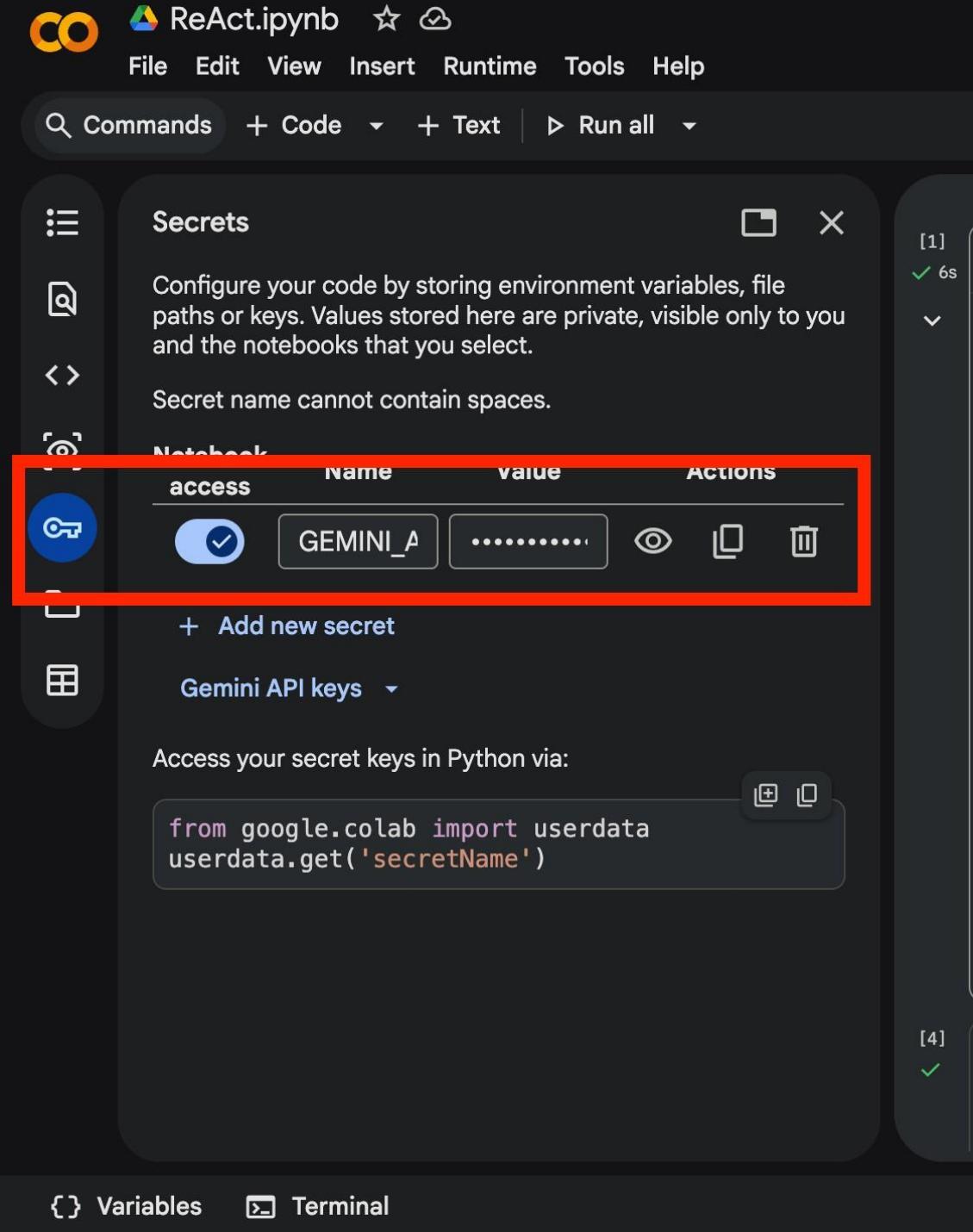
#### 6. under secrets manager

Add API key

**API key name: GEMINI\_API\_KEY**

**API key value: copied value from Google AI studio**

#### 7. Enable Notebook access



ReAct.ipynb

File Edit View Insert Runtime Tools Help

Commands + Code + Text ▶ Run all ▶

Secrets

Configure your code by storing environment variables, file paths or keys. Values stored here are private, visible only to you and the notebooks that you select.

Secret name cannot contain spaces.

access	Name	value	Actions
<input checked="" type="checkbox"/>	GEMINI_A	.....	  

+ Add new secret

Gemini API keys ▾

Access your secret keys in Python via:

```
from google.colab import userdata
userdata.get('secretName')
```

[1] ✓ 6s

[4] ✓

Variables Terminal