

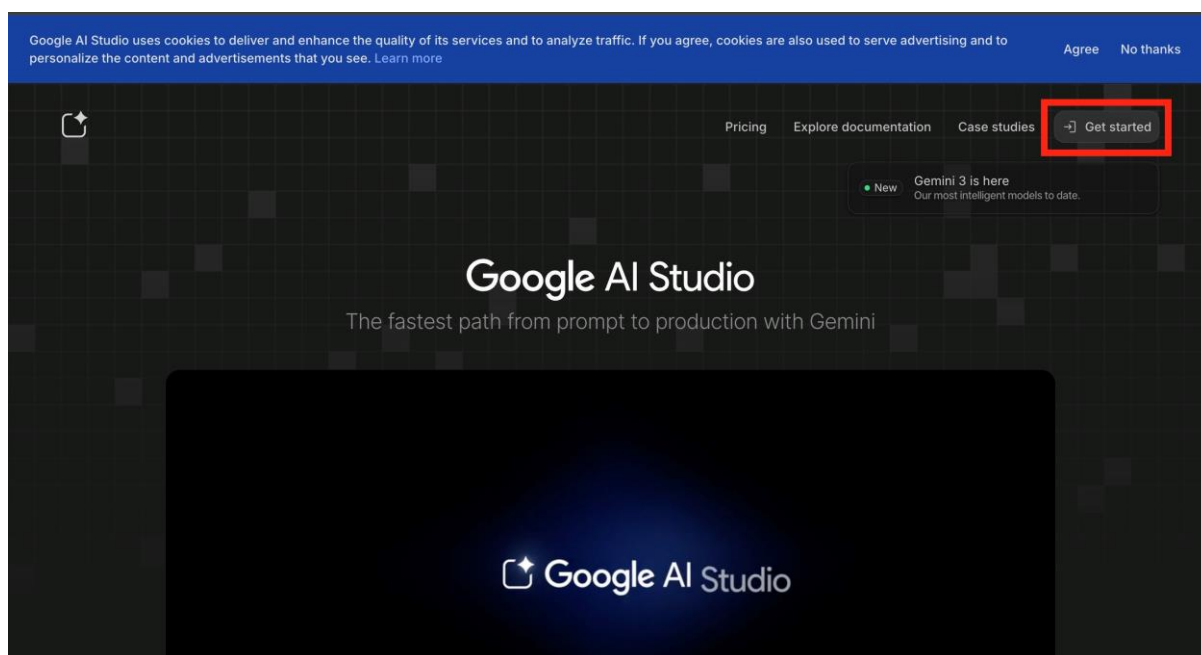
Concepts and practical implementation using Agentic AI tools (29 January 2026) · STFC Indico

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.

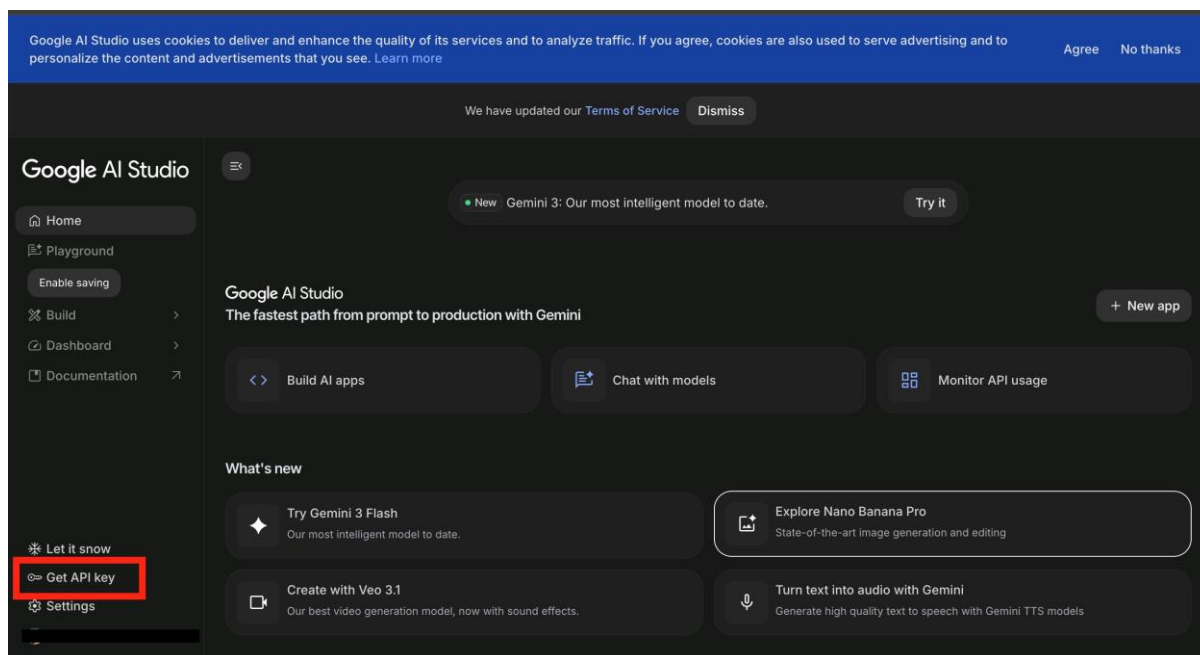
In advance of the talk:

Prepare your Google Colab environment ready with your Gemini API key

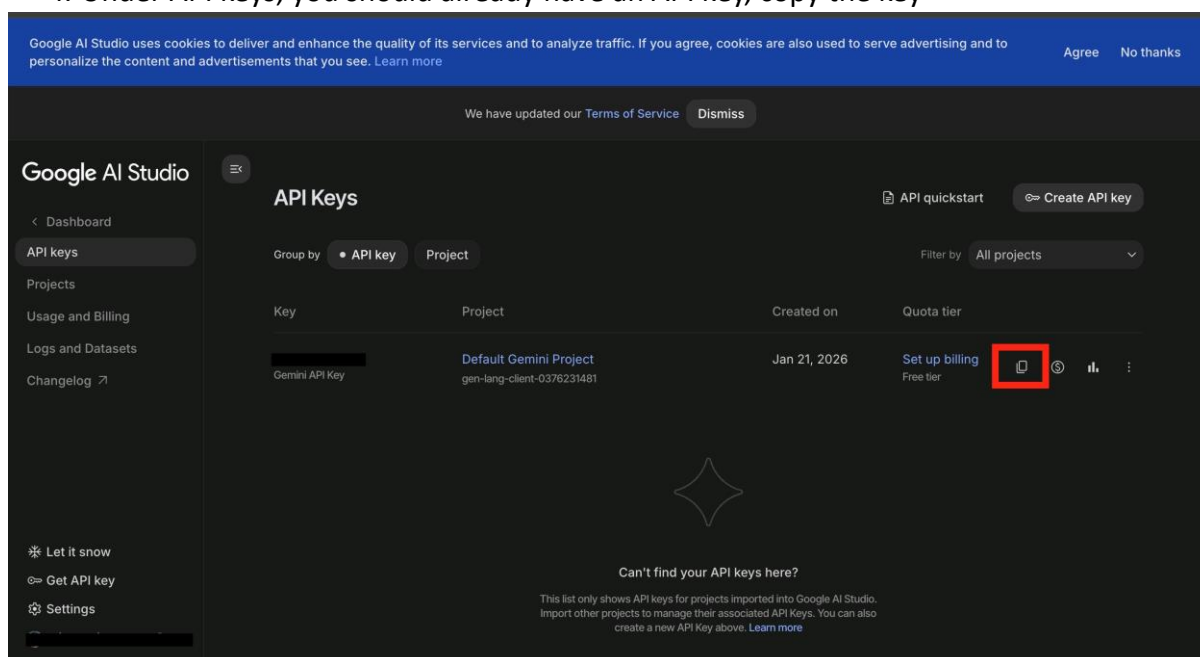
1. Go to <https://aistudio.google.com/>
2. Click on “Get started”



3. Click on “Get API key”



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



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

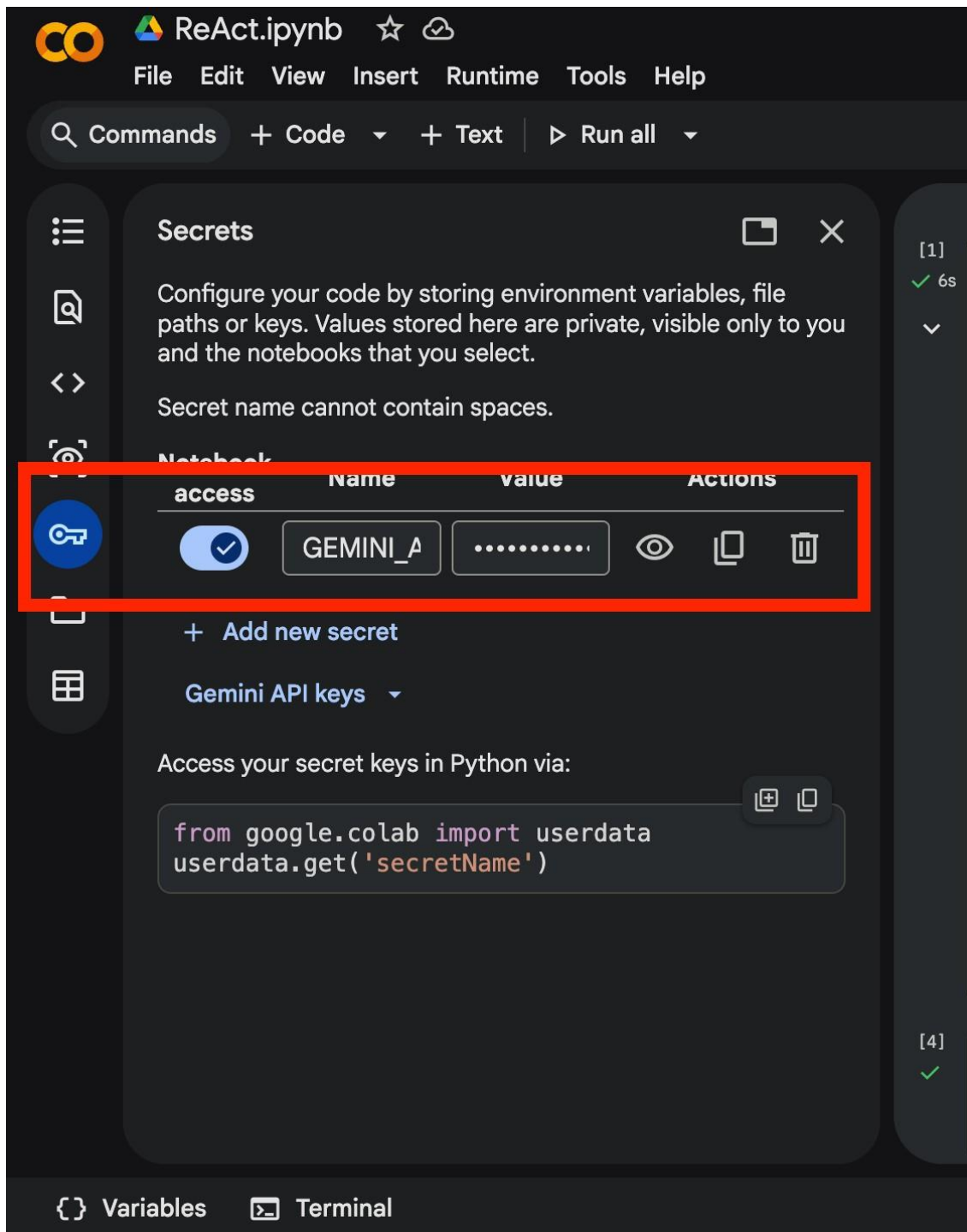
6. under secrets manager

Add API key

API key name: GEMINI_API_KEY

API key value: copied value from Google AI studio

7. Enable Notebook access



The screenshot shows the ReAct.ipynb interface. The 'Secrets' panel is open, displaying a table of secrets. A red box highlights the 'access' toggle and the 'GEMINI_A' secret entry. The 'access' toggle is currently turned on (blue). The 'GEMINI_A' secret has a masked value (.....). Below the table, there is a section for 'Access your secret keys in Python via:' with a code block showing the following Python code:

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

The interface also shows a sidebar with icons for file management, a top menu bar with 'File', 'Edit', 'View', 'Insert', 'Runtime', 'Tools', and 'Help', and a bottom bar with 'Variables' and 'Terminal' tabs.