

Text | Image Generation

▼ Wikipedia API

```
!pip3 install wikipedia-api
```

```
import wikipediaapi

# Define your custom user agent
user_agent = "Wikipedia/1.0 (contact@example.com)"

# Wikipedia object custom user agent
wiki_wiki = wikipediaapi.Wikipedia('en', extract_format=wikipediaapi.ExtractFormat.WIKI, headers={"User-Agent": user_agent})

# Fetch the summary of the page
page_py = wiki_wiki.page('Elon Musk').summary
print(page_py)
```

▼ Cohere API Key

Link: <https://dashboard.cohere.ai/api-keys>

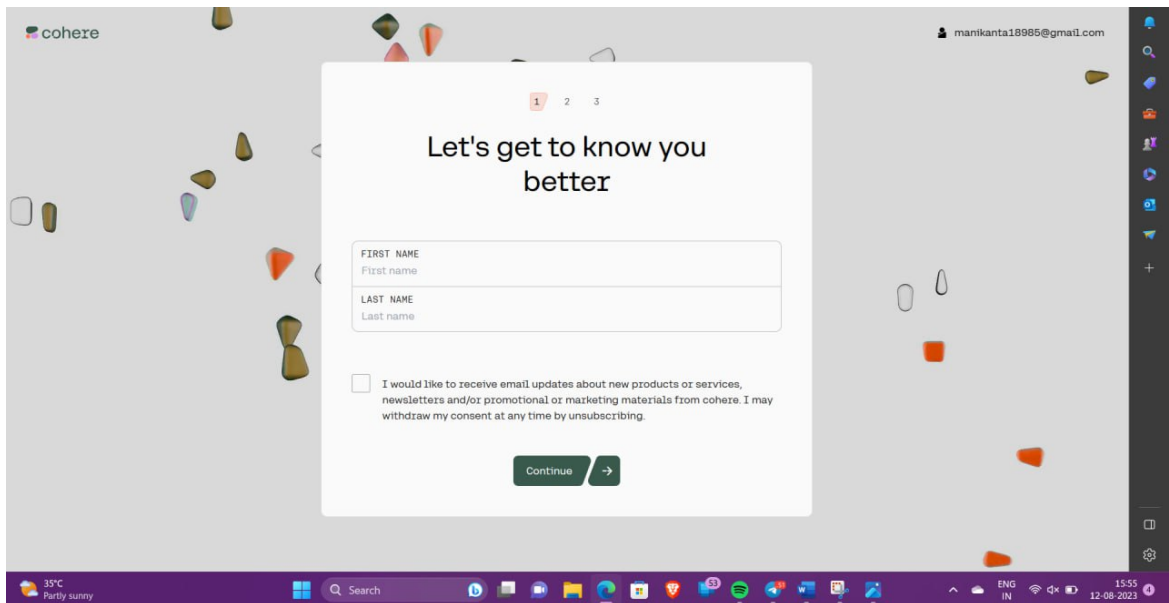
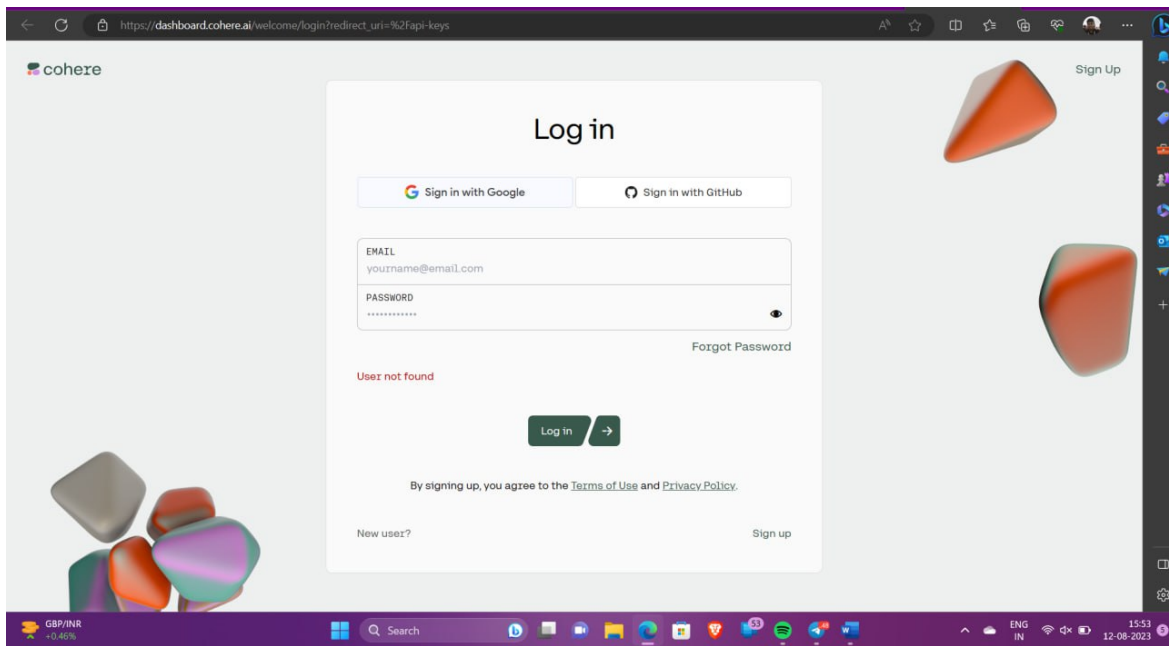
For terminal run only **pip install cohere** without !

```
!pip install cohere
```

LinkedIn Post generator using Python

```
import cohere
co = cohere.Client('api-key') # This is your trial API key
response = co.generate(
    model='command',
    prompt='Write a LinkedIn post about starting a career in tech:',
    max_tokens=300,
    temperature=0.9,
    k=0,
    stop_sequences=[],
    return_likelihoods='NONE')
print('Prediction: {}'.format(response.generations[0].text))
```

Create the API key here.



cohere

https://dashboard.cohere.ai/welcome/about-you

manikanta18985@gmail.com

What is your role?

Please select one option.

Machine Learning Engineer	Software Engineer
Data Scientist	Researcher
Product Manager	Student

Specify anything else below.

eg. Marketing Specialist - Chief Wizard

Continue →

Back Skip this step

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Search

ENG IN 15:55 12-08-2023

cohere

manikanta18985@gmail.com

What do you plan to do with Cohere?

Please select all options that apply.

Content Moderation	Text Classification
Semantic Search	User Intent Recognition
Text Generation	Entity Extraction
Text Summarization	Chat

Specify anything else below.

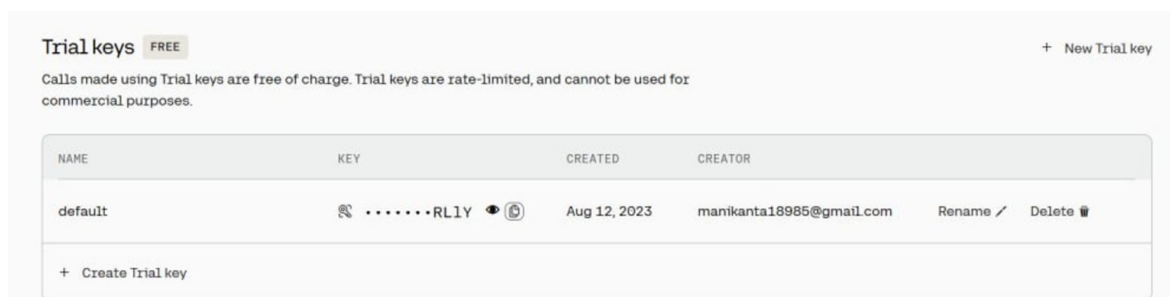
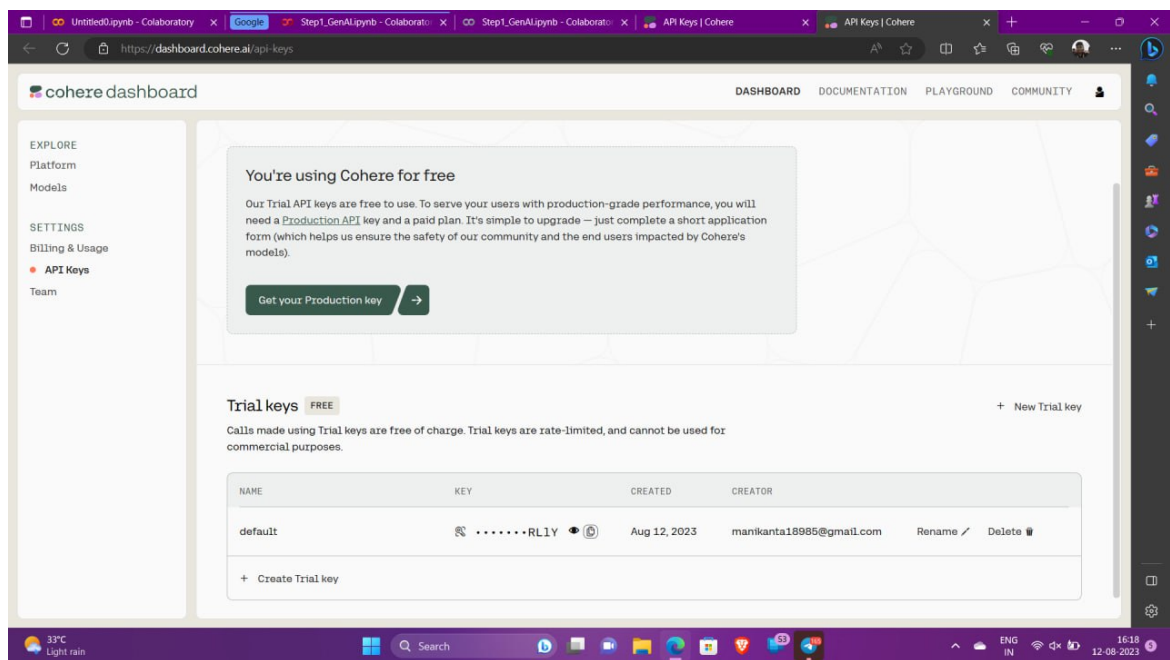
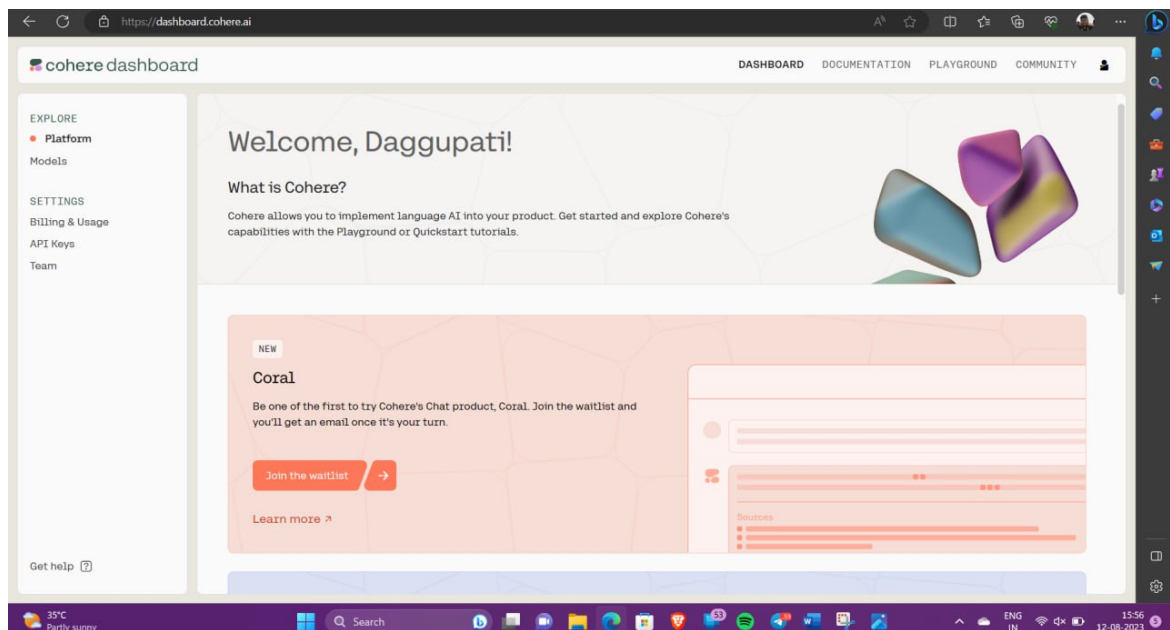
eg. Make Chatbots Sound Human

Submit →

35°C Partly sunny

Search

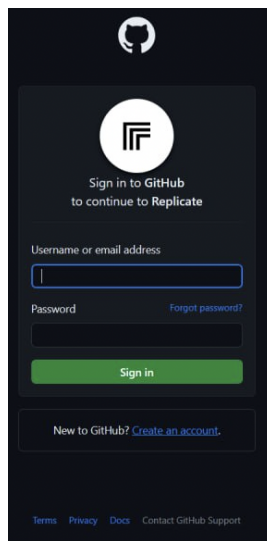
ENG IN 15:56 12-08-2023



▼ Replicate API Key

<https://replicate.com/account/api-tokens>

U will need a Github account for this.



```
▶ REPLICATE_API_TOKEN = getpass()  
os.environ["REPLICATE_API_TOKEN"] = "r8_71jyfHnVBDovHo14KRSUFTih8pvYr0p1yExT8"
```

▼ Replicate Code

```
!pip install replicate
```

Install the necessary package.

```
# get a token: https://replicate.com/account  
from getpass import getpass  
import os  
  
REPLICATE_API_TOKEN = getpass()  
os.environ["REPLICATE_API_TOKEN"] = "api-key" #Insert ur apikey here.
```

```
[65] !pip install replicate  
  
Collecting replicate  
  Downloading replicate-0.11.0-py3-none-any.whl (22 kB)  
Requirement already satisfied: packaging in /usr/local/lib/python3.10/dist-packages (from replicate) (23.1)  
Requirement already satisfied: pydantic>1 in /usr/local/lib/python3.10/dist-packages (from replicate) (2.1.1)  
Requirement already satisfied: requests>2 in /usr/local/lib/python3.10/dist-packages (from replicate) (2.31.0)  
Requirement already satisfied: annotated-types>=0.4.0 in /usr/local/lib/python3.10/dist-packages (from pydantic>1->replicate) (0.5.0)  
Requirement already satisfied: pydantic-core==2.4.0 in /usr/local/lib/python3.10/dist-packages (from pydantic>1->replicate) (2.4.0)  
Requirement already satisfied: typing-extensions>=4.6.1 in /usr/local/lib/python3.10/dist-packages (from pydantic>1->replicate) (4.6.1)  
Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.10/dist-packages (from requests>2->replicate) (3.2.0)  
Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.10/dist-packages (from requests>2->replicate) (3.4)  
Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/local/lib/python3.10/dist-packages (from requests>2->replicate) (1.26.15)  
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.10/dist-packages (from requests>2->replicate) (2023.7.22)  
Installing collected packages: replicate  
Successfully installed replicate-0.11.0
```

```
# get a token: https://replicate.com/account
from getpass import getpass
import os

REPLICATE_API_TOKEN = getpass()
os.environ["REPLICATE_API_TOKEN"] = "api-key"
```

```
import replicate

output = replicate.run(
    "stability-ai/stable-diffusion:27b93a2413e7f36cd83da926f3656280b2931564ff050bf9575f1fdf9bcd7478",
    input={"prompt": "elon musk on a chair"}
)

output
```

['https://pbxt.replicate.delivery/6d8qFXP2dF6pAdPKof5AWeLJsNYz2hcEciflzouAiiIxcyia/out-0.png']

Run the Model to create images

```
[69] import replicate

output = replicate.run(
    "stability-ai/stable-diffusion:27b93a2413e7f36cd83da926f3656280b2931564ff050bf9575f1fdf9bcd7478",
    input={"prompt": "elon musk on a chair"}
)

output
```

['https://pbxt.replicate.delivery/4R3CeMiHv7wjT6GTTfnJxlUZWKJEJTZY6C7UyA5jB5JV0mR2RA/out-0.png']

We get the image model - stable diffusion.

