

**BLACKBOX Agent**  
+30M users choose BLACKBOX AI

**Recent Tasks**

- can you help me Dec 17
- run the website Dec 17
- Patient medical infor... Dec 17

Ask Blackbox to do anything...

+ 🔊 📷 ⬆

Auto

```
requirements.txt
1 streamlit
2 google-generativeai
3 python-dotenv
4 Pillow
5 Chat (CTRL + I) / Share (CTRL + L)
```

**Build with Agent**

AI responses may be inaccurate.

[Generate Agent Instructions](#) to onboard AI onto your codebase.

requirements.txt:1-5

Describe what to build next

Agent Auto 🧑🏻🤖 ➡

## API Keys

API quickstart [Create API key](#)

Group by **API key** Project

Filter by **All projects**

Key	Project	Created on	Quota tier
...Ob2M project	Gemini Project gen-lang-client-0880083270	Jan 29, 2026	Set up billing Free tier
...WbfE health	health-record health-record-8573a	Dec 31, 2025	Set up billing Free tier

Can't find your API keys here?

This list only shows API keys for projects imported into Google AI Studio. Import other projects to manage their associated API Keys. You can also create a new API Key above. [Learn more](#)

[Import projects](#)

File Edit Selection View Go Run

gemini-historical-artifact

EXPLORER

OPEN EDITORS

app.py pyvenv.cfg .env requirements.txt

GEMINI-HISTORICAL-ARTIFACT

.venv

etc

Include

Lib

Scripts

share

.gitignore

pyvenv.cfg

.env

app.py

requirements.txt

OUTLINE

TIMELINE

MYSQL

app.py

pyvenv.cfg

.env

requirements.txt

app.py > ...

1

2 from dotenv import load\_dotenv

3 import streamlit as st

4 import os

5 import google.generativeai as genai

6 from PIL import Image

7

8 # Load environment variables

9 load\_dotenv()

10

11 # Configure API key

12 api\_key = os.getenv("GOOGLE\_API\_KEY")

13 genai.configure(api\_key=api\_key)

14 def get\_gemini\_response(input\_text, prompt):

15 | model = genai.GenerativeModel("models/gemini-2.5-flash")

16 | response = model.generate\_content(input\_text + "\n" + prompt)

17 | return response.text

18

19

20

21

22 # Milestone 3: Function for Image Setup

23 def input\_image\_setup(uploaded\_file):

24 | if uploaded\_file is not None:

25 | | bytes\_data = uploaded\_file.getvalue()

26 | | image\_parts = [

27 | | | {

28 | | | | "mime\_type": uploaded\_file.type,

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

Describe what to build next

Agent Auto

Ln 5, Col 36 Spaces: 4 UTF-8 CRLF Python 3.13.7 (.venv) Go Live

BLACKBOXAI: Open Chat

26°C Mostly cloudy

Search

6:16 PM 1/31/2026



File

Edit

Selection

View

Go

Run

gemini-historical-artifact

EXPLORED

OPEN EDITORS

app.py

pyvenv.cfg .venv

.env

requirements.txt

GEMINI-HISTORICAL-ARTIFACT

.venv

etc

Include

Lib

Scripts

share

.gitignore

pyvenv.cfg

.env

app.py

requirements.txt

OUTLINE

TIMELINE

MYSQL

app.py

pyvenv.cfg

.env

requirements.txt

app.py

input\_image\_setup

load\_dotenv()

10

11

# Configure API key

12

api\_key = os.getenv("GOOGLE\_API\_KEY")

13

genai.configure(api\_key=api\_key)

14

def get\_gemini\_response(input\_text, prompt):

15

model = genai.GenerativeModel("models/gemini-2.5-flash")

16

response = model.generate\_content(input\_text + "\n" + prompt)

17

return response.text

18

19

20

21

22

# Milestone 3: Function for Image Setup

23

def input\_image\_setup(uploaded\_file):

24

if uploaded\_file is not None:

25

bytes\_data = uploaded\_file.getvalue()

26

image\_parts = [

27

{

28

"mime\_type": uploaded\_file.type,

29

"data": bytes\_data

30

}

31

]

32

return image\_parts

33

else:

34

raise FileNotFoundError("No file uploaded")

35

# Page Configuration & Header

36

st.set\_page\_config(page\_title="Gemini Historical Artifact Description")

37

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

Describe what to build next

Agent Auto

Ln 24, Col 34

Spaces: 4

UTF-8

CRLF

{ }

Python

3.13.7 (.venv)

Go Live

BLACKBOXAI: Open Chat

26°C

Mostly cloudy

Search

6:19 PM

1/31/2026





File

Edit

Selection

View

Go

Run

gemini-historical-artifact

EXPLORED

OPEN EDITORS

app.py

pyenv.cfg .venv

.env

requirements.txt

GEMINI-HISTORICAL-ARTIFACT

.venv

etc

Include

Lib

Scripts

share

.gitignore

pyenv.cfg

.env

app.py

requirements.txt

OUTLINE

TIMELINE

MYSQL

app.py

pyenv.cfg

.env

requirements.txt

```
app.py > input_image_setup
load_dotenv()
10
11 # Configure API key
12 api_key = os.getenv("GOOGLE_API_KEY")
13 genai.configure(api_key=api_key)
14 def get_gemini_response(input_text, prompt):
15     model = genai.GenerativeModel("models/gemini-2.5-flash")
16     response = model.generate_content(input_text + "\n" + prompt)
17     return response.text
18
19
20
21
22 # Milestone 3: Function for Image Setup
23 def input_image_setup(uploaded_file):
24     if uploaded_file is not None:
25         bytes_data = uploaded_file.getvalue()
26         image_parts = [
27             {
28                 "mime_type": uploaded_file.type,
29                 "data": bytes_data
30             }
31         ]
32         return image_parts
33     else:
34         raise FileNotFoundError("No file uploaded")
35 # Page Configuration & Header
36 st.set_page_config(page_title="Gemini Historical Artifact Description")
37
```

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

Describe what to build next

Agent Auto

Ln 24, Col 34 Spaces: 4 UTF-8 CRLF Python 3.13.7 (.venv) Go Live BLACKBOXAI: Open Chat

26°C Mostly cloudy Search

6:19 PM 1/31/2026

File Edit Selection View Go Run

gemini-historical-artifact

EXPLORER

OPEN EDITORS

app.py pyvenv.cfg .env requirements.txt

GEMINI-HISTORICAL-ARTIFACT

.venv

etc

Include

Lib

Scripts

share

.gitignore

pyvenv.cfg

.env

app.py

requirements.txt

OUTLINE

TIMELINE

MYSQL

app.py

pyvenv.cfg

.env

requirements.txt

app.py > input\_image\_setup

```
1
2 from dotenv import load_dotenv
3 import streamlit as st
4 import os
5 import google.generativeai as genai
6 from PIL import Image
7
8 # Load environment variables
9 load_dotenv()
10
11 # Configure API key
12 api_key = os.getenv("GOOGLE_API_KEY")
13 genai.configure(api_key=api_key)
14 def get_gemini_response(input_text, prompt):
15     model = genai.GenerativeModel("models/gemini-2.5-flash")
16     response = model.generate_content(input_text + "\n" + prompt)
17     return response.text
18
19
20
21
22 # Milestone 3: Function for Image Setup
23 def input_image_setup(uploaded_file):
24     if uploaded_file is not None:
25         bytes_data = uploaded_file.getvalue()
26         image_parts = [
27             {
28                 "mime_type": uploaded_file.type,
```

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

Describe what to build next

Agent Auto

0 0

Connect

BLACKBOX Agent

Open Website

Ln 24, Col 34

Spaces: 4

UTF-8

CRLF

Python

3.13.7 (.venv)

Go Live

BLACKBOXAI: Open Chat

26°C

Mostly cloudy

Search

6:21 PM

1/31/2026



File Edit Selection View Go Run

gemini-historical-artifact

EXPLORER

OPEN EDITORS

app.py pyvenv.cfg .env requirements.txt

GEMINI-HISTORICAL-ARTIFACT

.venv

etc

Include

Lib

Scripts

share

.gitignore

pyvenv.cfg

.env

app.py

requirements.txt

OUTLINE

TIMELINE

MYSQL

app.py

pyvenv.cfg

.env

requirements.txt

app.py > input\_image\_setup

def get\_gemini\_response(input\_text, prompt):

model = genai.GenerativeModel("models/gemini-2.5-flash")

response = model.generate\_content(input\_text + "\n" + prompt)

return response.text

# Milestone 3: Function for Image Setup

def input\_image\_setup(uploaded\_file):

if uploaded\_file is not None:

bytes\_data = uploaded\_file.getvalue()

image\_parts = [

{

"mime\_type": uploaded\_file.type,

"data": bytes\_data

}

] return image\_parts

else:

raise FileNotFoundError("No file uploaded")

# Page Configuration & Header

st.set\_page\_config(page\_title="Gemini Historical Artifact Description")

st.header(" Gemini Historical Artifact Description App")

# Step 5.2: User Inputs

input\_text = st.text\_input("Input Prompt:", key="input")

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

Describe what to build next

Agent Auto

Ln 24, Col 34 Spaces: 4 UTF-8 CRLF Python 3.13.7 (.venv) Go Live

BLACKBOXAI: Open Chat

26°C Mostly cloudy

Search

6:21 PM 1/31/2026



File Edit Selection View Go Run

gemini-historical-artifact

EXPLORER

OPEN EDITORS

app.py pyvenv.cfg .env requirements.txt

GEMINI-HISTORICAL-ARTIFACT

.venv

etc

Include

Lib

Scripts

share

.gitignore

pyvenv.cfg

.env

app.py

requirements.txt

OUTLINE

TIMELINE

MYSQL

app.py

pyvenv.cfg

.env

requirements.txt

app.py

def get\_gemini\_response(input\_text, prompt):

model = genai.GenerativeModel("models/gemini-2.5-flash")

response = model.generate\_content(input\_text + "\n" + prompt)

return response.text

# Milestone 3: Function for Image Setup

def input\_image\_setup(uploaded\_file):

if uploaded\_file is not None:

bytes\_data = uploaded\_file.getvalue()

image\_parts = [

{

"mime\_type": uploaded\_file.type,

"data": bytes\_data

}

]

return image\_parts

else:

raise FileNotFoundError("No file uploaded")

# Page Configuration & Header

st.set\_page\_config(page\_title="Gemini Historical Artifact Description")

st.header("Gemini Historical Artifact Description App")

# Step 5.2: User Inputs

input\_text = st.text\_input("Input Prompt:", key="input")

BLACKBOX

Build with Agent

AI responses may be inaccurate.

Generate Agent Instructions to onboard AI onto your codebase.

Describe what to build next

Agent Auto

Ln 24, Col 34 Spaces: 4 UTF-8 CRLF Python 3.13.7 (.venv) Go Live

BLACKBOXAI: Open Chat

26°C Mostly cloudy

Search

6:21 PM 1/31/2026