

```
!nvidia-smi
```

```
↵ /bin/bash: line 1: nvidia-smi: command not found
```

```
import os
```

```
os.environ['GEMINI_API_KEY'] = 'AIzaSyCXFnwYPMmjXrxFFvc-X_MKLRqLLxZcYUA'
```

```
!pip install -q -U google-generativeai
```

```
↵ _____ 153.4/153.4 kB 6.7 MB/s eta 0:00:00
_____ 760.0/760.0 kB 30.4 MB/s eta 0:00:00
```

```
import google.generativeai as genai
```

```
genai.configure(api_key=os.environ['GEMINI_API_KEY'])
```

```
model = genai.GenerativeModel('gemini-1.5-pro')
```

```
response = model.generate_content("what is gold price ?")
print(response.text)
```

```
↵ I do not have access to real-time data, including live gold prices.
```

To get the most up-to-date gold price, I recommend checking a reputable financial website such as:

- * **Google Finance:** Search "gold price" on Google.
- * **Yahoo Finance:** Check the ticker symbol "GC=F".
- * **Bloomberg:** Search for gold on their website or app.
- * **Kitco:** A website specifically dedicated to precious metals.

Remember that gold prices fluctuate constantly throughout the day, so the price you see at any given moment may not be the current price.

```
model1 = genai.GenerativeModel('gemini-1.5-flash')
```

```
response1 = model1.generate_content("what is gold price ? ?")
print(response1.text)
```

```
↵ I do not have access to real-time information, including live stock prices. To get the current gold price, I recommend checking a reputable financial website such as:
```

- * **Google Finance:** <https://www.google.com/finance>.
- * **Yahoo Finance:** <https://finance.yahoo.com/>.
- * **Bloomberg:** <https://www.bloomberg.com/>.
- * **Reuters:** <https://www.reuters.com/>.
- * **Kitco:** <https://www.kitco.com/>.

You can also check with your local bank or financial advisor for the current gold price.

```
model2 = genai.GenerativeModel('models/gemini-1.5-flash-8b-exp-0924')
```

```
response2 = model2.generate_content("what is gold price ?")
print(response2.text)
```

```
↵ Unfortunately, I cannot give you a real-time gold price. Gold prices fluctuate constantly. To get the current price, please check a reputable financial website such as:
```

```
response2 = model2.generate_content("what is life span of person ?")
print(response2.text)
```

```
↵ The lifespan of a person varies significantly, but the average lifespan has increased dramatically over the past centuries. There's
```

While the *maximum* lifespan is in the 120s in rare cases, the *average* lifespan for humans is now typically around 70-80 years in

```
import pathlib
import textwrap
```

```
import google.generativeai as genai
```

```
from IPython.display import display
from IPython.display import Markdown
```

```
def to_markdown(text):
    text = text.replace('•', ' *')
    return Markdown(textwrap.indent(text, '> ', predicate=lambda _: True))
```

```
for m in genai.list_models():
    if 'generateContent' in m.supported_generation_methods:
        print(m.name)
```

```
models/gemini-1.0-pro-latest
models/gemini-1.0-pro
models/gemini-pro
models/gemini-1.0-pro-001
models/gemini-1.0-pro-vision-latest
models/gemini-pro-vision
models/gemini-1.5-pro-latest
models/gemini-1.5-pro-001
models/gemini-1.5-pro-002
models/gemini-1.5-pro
models/gemini-1.5-pro-exp-0801
models/gemini-1.5-pro-exp-0827
models/gemini-1.5-flash-latest
models/gemini-1.5-flash-001
models/gemini-1.5-flash-001-tuning
models/gemini-1.5-flash
models/gemini-1.5-flash-exp-0827
models/gemini-1.5-flash-8b-exp-0827
models/gemini-1.5-flash-8b-exp-0924
```

```
%%time
response2 = model.generate_content("What is the meaning of dream & goal? how to reach the dream")
```

```
CPU times: user 127 ms, sys: 23.2 ms, total: 150 ms
```

```
to_markdown(response.text)
```

```
I do not have access to real-time data, including live gold prices.
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    • Google Finance: Search "gold price" on Google.
    • Yahoo Finance: Check the ticker symbol "GC=F".
    • Bloomberg: Search for gold on their website or app.
    • Kitco: A website specifically dedicated to precious metals.
Remember that gold prices fluctuate constantly throughout the day, so the price you see at any given moment may not be the current price.
```

```
### Text to Image Generation
```

```
!curl -o image.jpg https://t0.gstatic.com/licensed-image?q=tbn:ANd9GcQ_Kevbk21QBRy-PgB4kQpS79brbmmEG7m3VOTShAn4PecDU5H5UxrJxE3Dw1JiaG17
```

```
% Total    % Received % Xferd  Average Speed   Time    Time       Time  Current
           Dload  Upload   Total     Spent    Left     Speed
100 405k  100 405k    0     0  5582k      0 --:--:-- --:--:-- --:--:-- 5625k
```

```
import PIL.Image
```

```
img = PIL.Image.open('/content/horse image.jpg')
img
```



```
model5 = genai.GenerativeModel('models/gemini-1.5-flash-8b-exp-0924')
```

```
response5 = model5.generate_content(img)
```

```
to_markdown(response5.text)
```



The image shows a white horse in a field, moving at a moderate pace. The horse is a light, almost white color, and its mane and tail are also white. The horse is in motion, with its legs in mid-stride, suggesting a canter or a similar gait. The background is a dark, leafy forest. The overall impression is one of a graceful, free-moving animal in a natural setting.

Start coding or [generate](#) with AI.