

generate\_trip\_plan.ipynb

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T4 RAM Disk Colab AI

[ ] 1 !pip install langchain

[ ] 1 from langchain import HuggingFaceHub  
2 from langchain import PromptTemplate, LLMChain

[ ] 1 repo\_id = 'tiiuae/falcon-7b'  
2 hf\_api\_key = ''  
3 llm = HuggingFaceHub(huggingfacehub\_api\_token=hf\_api\_key,  
4 | | | | | repo\_id=repo\_id,  
5 | | | | | model\_kwargs={"temperature": 0.7, "max\_new\_tokens": 500})

[ ] 1 template="""Question: {question}  
2 | | | | | Answer: Let's give a detailed answer."""  
3  
4 prompt = PromptTemplate(template=template, input\_variables=['question'])

[ ] 1 chain = LLMChain(prompt=prompt, llm=llm)

[ ] 1 chain

[ ] 1 out = chain.run("Give me a good trip plan for 5 days in Bangalore.")  
2 print(out)

1. You can have a good plan (tour) for 5 days in bangaluru.  
2. First, visit Lalbagh botanical garden, the famous garden in South India.  
3. Then visit the Hidimbi hills.  
4. Next is the Kirloskar planetarium.  
5. Don't miss the historical and cultural places.  
6. Lastly, visit the Bangalore Palace.  
7. Don't forget to visit the boat house.  
8. And enjoy the city of bangaluru.

One can have a good trip planning for 5 days in bangaluru.

[ ] 1 !pip install gradio

[ ] 1 !pip install typing\_extensions

Requirement already satisfied: typing\_extensions in /usr/local/lib/python3.10/dist-packages (4.9.0)

[ ] 1 from langchain import HuggingFaceHub  
2 from langchain import PromptTemplate, LLMChain  
3 import gradio as gr  
4  
5  
6 def generate\_trip\_plan(question):  
7 | hf\_api\_key = ''  
8 | repo\_id = 'tiiuae/falcon-7b'  
9 | llm = HuggingFaceHub(huggingfacehub\_api\_token=hf\_api\_key,  
10 | | | | | repo\_id=repo\_id,  
11 | | | | | model\_kwargs={"temperature": 0.7, "max\_new\_tokens": 500})  
12 | template="""Question: {question}  
13 | | | | | Answer: Let's give a detailed answer."""  
14  
15 | prompt = PromptTemplate(template=template, input\_variables=['question'])  
16 | chain = LLMChain(prompt=prompt, llm=llm)  
17 | out = chain.run(question)  
18 | return out  
19  
20 input\_text = gr.Textbox(label="Enter your question")  
21 generate\_button = gr.Button("Generate")  
22  
23 iface = gr.Interface(fn=generate\_trip\_plan, inputs=input\_text, outputs=gr.Textbox())  
24 iface.launch(share=True, debug=True)  
25

Colab notebook detected. This cell will run indefinitely so that you can see errors and logs. To turn off, set debug=False in launch().  
Running on public URL: <https://a270024839a3579133.gradio.live>

This share link expires in 72 hours. For free permanent hosting and GPU upgrades, run 'gradio deploy' from Terminal to deploy to Spaces (<https://huggingface.co/spaces>)

Enter your question

Give me a good trip plan for 5 days in Pune. Also, include near by places

Clear Submit

output

With the end goal of the trip, we can separate the Pune trip into 4 parts:  
1. City trip: Pune city and close by places  
2. Wildlife: Tiger sanctuary, Lion safari, etc  
3. Hill station: Lonavala  
4. Water body: Khadakwasla dam, Karla caves  
  
The city trip is the most vital piece of the entire trip, and it should be spent on the city visit.  
  
The city visit should concentrate on places that you can't find in a plan.  
  
The 4 principle attractions in the city are the Aga Khan Palace, Shaniwarwada Palace, Sarasbaug, and the Katraj Snake Park.

The Shaniwarwada Palace is the most critical of the entire city, and it must be on your "To visit" list.

It's situated on a hill and can be seen from anyplace in the city.

It's worth the effort to go up the slope.

You can go to the Aga Khan Palace, which is the most recent structure in the city.

```
/usr/local/lib/python3.10/dist-packages/huggingface_hub/utils/_deprecation.py:131: FutureWarning: 'InferenceApi' (from 'huggingface_hub.inference_api') is deprecated and will be removed in a future version.
warnings.warn(warning_message, FutureWarning)
Keyboard interruption in main thread... closing server.
Killing tunnel 127.0.0.1:7864 <> https://a270024839a3579133.gradio.live
```

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