Requirement already satisfied: typing-extensions>=4.10.0 in /usr/local/l Requirement already satisfied: setuptools in /usr/local/lib/python3.12/c Requirement already satisfied: sympy>=1.13.3 in /usr/local/lib/python3.1 Requirement already satisfied: networkx in /usr/local/lib/python3.12/dis Requirement already satisfied: jinja2 in /usr/local/lib/python3.12/dist-Requirement already satisfied: fsspec in /usr/local/lib/python3.12/dist-Requirement already satisfied: nvidia-cuda-nvrtc-cu12==12.6.77 in /usr/l Requirement already satisfied: nvidia-cuda-runtime-cu12==12.6.77 in /usr Requirement already satisfied: nvidia-cuda-cupti-cu12==12.6.80 in /usr/l Requirement already satisfied: nvidia-cudnn-cu12==9.10.2.21 in /usr/loca Requirement already satisfied: nvidia-cublas-cu12==12.6.4.1 in /usr/loca Requirement already satisfied: nvidia-cufft-cu12==11.3.0.4 in /usr/local Requirement already satisfied: nvidia-curand-cu12==10.3.7.77 in /usr/loc Requirement already satisfied: nvidia-cusolver-cu12==11.7.1.2 in /usr/lc Requirement already satisfied: nvidia-cusparse-cu12==12.5.4.2 in /usr/lc Requirement already satisfied: nvidia-cusparselt-cu12==0.7.1 in /usr/loc Requirement already satisfied: nvidia-nccl-cu12==2.27.3 in /usr/local/li Requirement already satisfied: nvidia-nvtx-cu12==12.6.77 in /usr/local/l Requirement already satisfied: nvidia-nvjitlink-cu12==12.6.85 in /usr/lc Requirement already satisfied: nvidia-cufile-cu12==1.11.1.6 in /usr/loca Requirement already satisfied: triton==3.4.0 in /usr/local/lib/python3.1 Requirement already satisfied: huggingface-hub<1.0,>=0.34.0 in /usr/loca Requirement already satisfied: numpy>=1.17 in /usr/local/lib/python3.12/ Requirement already satisfied: packaging>=20.0 in /usr/local/lib/python3 Requirement already satisfied: pyyaml>=5.1 in /usr/local/lib/python3.12/ Requirement already satisfied: regex!=2019.12.17 in /usr/local/lib/pythc Requirement already satisfied: requests in /usr/local/lib/python3.12/dis Requirement already satisfied: tokenizers<=0.23.0,>=0.22.0 in /usr/local Requirement already satisfied: safetensors>=0.4.3 in /usr/local/lib/pyth Requirement already satisfied: tqdm>=4.27 in /usr/local/lib/python3.12/c Requirement already satisfied: langchain-core<1.0.0,>=0.3.72 in /usr/loc Requirement already satisfied: langchain-text-splitters<1.0.0,>=0.3.9 ir Requirement already satisfied: langsmith>=0.1.17 in /usr/local/lib/pythc Requirement already satisfied: pydantic<3.0.0,>=2.7.4 in /usr/local/lib/ Requirement already satisfied: SQLAlchemy<3,>=1.4 in /usr/local/lib/pyth Requirement already satisfied: hf-xet<2.0.0,>=1.1.3 in /usr/local/lib/py Requirement already satisfied: tenacity!=8.4.0,<10.0.0,>=8.1.0 in /usr/l Requirement already satisfied: jsonpatch<2.0.0,>=1.33.0 in /usr/local/li Requirement already satisfied: httpx<1,>=0.23.0 in /usr/local/lib/pythor Requirement already satisfied: orjson>=3.9.14 in /usr/local/lib/python3. Requirement already satisfied: requests-toolbelt>=1.0.0 in /usr/local/li Requirement already satisfied: zstandard>=0.23.0 in /usr/local/lib/pythc Requirement already satisfied: annotated-types>=0.6.0 in /usr/local/lib/ Requirement already satisfied: pydantic-core==2.33.2 in /usr/local/lib/r Requirement already satisfied: typing-inspection>=0.4.0 in /usr/local/li Requirement already satisfied: charset_normalizer<4,>=2 in /usr/local/li Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.12 Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/local/lib/pyth

```
Requirement already satisfied: anylo in /usr/local/lib/python3.12/dist-procedurement already satisfied: httpcore==1.* in /usr/local/lib/python3.1 Requirement already satisfied: h11>=0.16 in /usr/local/lib/python3.12/dist-procedurement already satisfied: jsonpointer>=1.9 in /usr/local/lib/python3.12 Requirement already satisfied: sniffio>=1.1 in /usr/local/lib/python3.12
```

from transformers import AutoModelForCausalLM, AutoTokenizer, pipeline from langchain_community.llms import HuggingFacePipeline from langchain.prompts import PromptTemplate ModuleNotFoundError Traceback (most recent call last) /tmp/ipython-input-2111519355.py in <cell line: 0>() 1 from transformers import AutoModelForCausalLM, AutoTokenizer, pipeline ----> 2 from langchain community.llms import HuggingFacePipeline 3 from langchain.prompts import PromptTemplate ModuleNotFoundError: No module named 'langchain_community' NOTE: If your import is failing due to a missing package, you can manually install dependencies using either !pip or !apt. To view examples of installing some common dependencies, click the "Open Examples" button below. OPEN EXAMPLES Explain error Next steps: (

```
model_name = "gpt2" # You can use "distilgpt2" for smaller model
tokenizer = AutoTokenizer.from_pretrained(model_name)
model = AutoModelForCausalLM.from_pretrained(model_name)
```

```
pipe = pipeline(
    "text-generation",
    model=model,
    tokenizer=tokenizer,
    max_length=100,
    temperature=0.7,
    top_k=50
)
```

```
local_llm = HuggingFacePipeline(pipeline=pipe)

/tmp/ipython-input-2498521206.py:1: LangChainDeprecationWarning: The clas
   local_llm = HuggingFacePipeline(pipeline=pipe)
```

```
prompt = PromptTemplate(
    input_variables=["topic"],
    template="Write a short informative paragraph about {topic} in a friendly
)
```

```
final_prompt = prompt.format(topic="Artificial Intelligence in Retail")
response = local_llm(final_prompt)
print(response)

/tmp/ipython-input-1541145833.py:2: LangChainDeprecationWarning: The meth
```

response = local_llm(final_prompt)
Setting `pad_token_id` to `eos_token_id`:50256 for open-end generation.
Write a short informative paragraph about Artificial Intelligence in Reta

Read another blog post on Artificial Intelligence in Retail.

Read another blog post on Artificial Intelligence in Retail. Get a few qu