

Hugging Face models in LangChain!

There are thousands of models freely available to download and use on [Hugging Face](#). Hugging Face integrates really nicely into LangChain via its partner library, langchain-huggingface, which is available for you to use.

In this exercise, you'll load and call the crumb/nano-mistral model from Hugging Face. This is a ultra-light LLM designed to be fine-tuned for greater performance.

Instructions

100 XP

- Import the class for defining Hugging Face pipelines in LangChain.
- Define a text generation LLM using the model ID 'crumb/nano-mistral' from Hugging Face.
- Use llm to predict the next words after the text in prompt.

script.py

```
# Define the LLM from the Hugging Face model ID
```

```
llm = HuggingFacePipeline.from_model_id(  
    model_id="crumb/nano-mistral",  
    task="text-generation",  
    pipeline_kwargs={"max_new_tokens": 20}  
)
```

```
prompt = "Hugging Face is"
```

```
# Invoke the model
```

```
response = llm.invoke(prompt)
```

```
print(response)
```