

Implementing few-shot prompting

Time to combine your components together into a chain! The few-shot prompt you created in the previous exercise is still available for you to use, along with examples and example_prompt.

All of the LangChain classes necessary for completing this exercise have been pre-loaded for you.

Instructions

100 XP

- Instantiate an OpenAI chat LLM.
- Create a chain from the LLM and prompt template, and invoke it on the input provided.

script

```
prompt_template = FewShotPromptTemplate(
    examples=examples,
    example_prompt=example_prompt,
    suffix="Question: {input}",
    input_variables=["input"],
)

# Create an OpenAI chat LLM
llm = ChatOpenAI(model="gpt-4o-mini", api_key='<OPENAI_API_TOKEN>')

# Create and invoke the chain
llm_chain = prompt_template | llm

print(llm_chain.invoke({"input": "What is Jack's favorite technology o
n DataCamp?"}))
```