CerebriumAI LLM Example

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This notebook goes over how to use Langchain with CerebriumAI.

Install cerebrium

The `cerebrium` package is required to use the CerebriumAI API. Install `cerebrium` using `pip3 install cerebrium`.

```
$ pip3 install cerebrium
```

Imports

```python
import os
from langchain.llms import CerebriumAI
from langchain import PromptTemplate, LLMChain
```

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Set the Environment API Key

Make sure to get your API key from CerebriumAI. You are given a 1 hour free of serverless GPU compute to test different models.

```python
os.environ["CEREBRIUMAI_API_KEY"] = "YOUR_KEY_HERE"
```

Create the CerebriumAI instance

You can specify different parameters such as the model endpoint url, max length, temperature, etc. You must provide an endpoint url.

```python
llm = CerebriumAI(endpoint_url="YOUR ENDPOINT URL HERE")
```

Create a Prompt Template

We will create a prompt template for Question and Answer.

```python
template = """Question: {question}

Answer: Let's think step by step."""

prompt = PromptTemplate(template=template, input_variables=["question"])
```

Initiate the LLMChain

```python
llm_chain = LLMChain(prompt=prompt, llm=llm)
```

Run the LLMChain

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```python
question = "What NFL team won the Super Bowl in the year Justin Beiber was born?"

llm_chain.run(question)
```