Bing

A prompt template is a way of creating prompts for language models using placeholders and input values. A prompt is the input that guides the model's response. A prompt template can have different sections, such as instructions, context, examples, and output indicator. A prompt template can be formatted with different input values to create different prompts for different tasks or scenarios.

For example, suppose you want to create a prompt template for generating jokes about different topics. You can use the following template:

```
Tell me a {adjective} joke about {content}.
```

Here, `{adjective}` and `{content}` are placeholders that can be replaced with different values. For example, you can format the template with the values `adjective="funny"` and `content="math"` to create the following prompt:

```
Tell me a funny joke about math.
```

You can then pass this prompt to a language model and get a response, such as:

```
Why do mathematicians always confuse Halloween and Christmas?
Because Oct 31 = Dec 25.
```

You can use different templating engines, such as Python's `str.format` or Jinja2, to create and format prompt templates. LangChain provides a class called `PromptTemplate` that allows you to create and work with prompt templates easily. You can also use conditional logic, loops, filters, and other features to make your prompt templates more dynamic and flexible.

If you want to learn more about how to use prompt templates in LangChain, you can check out these resources:

- Introduction to Prompt Templates in LangChain
- An Introduction to Prompt Engineering with LangChain
- How to Use the LangChain Prompt Template in Python
- How to add a custom message/prompt template

I hope this helps. Have a nice day! 😊