

# Hands-On: Prompting with Prompt Templates

## Instructor

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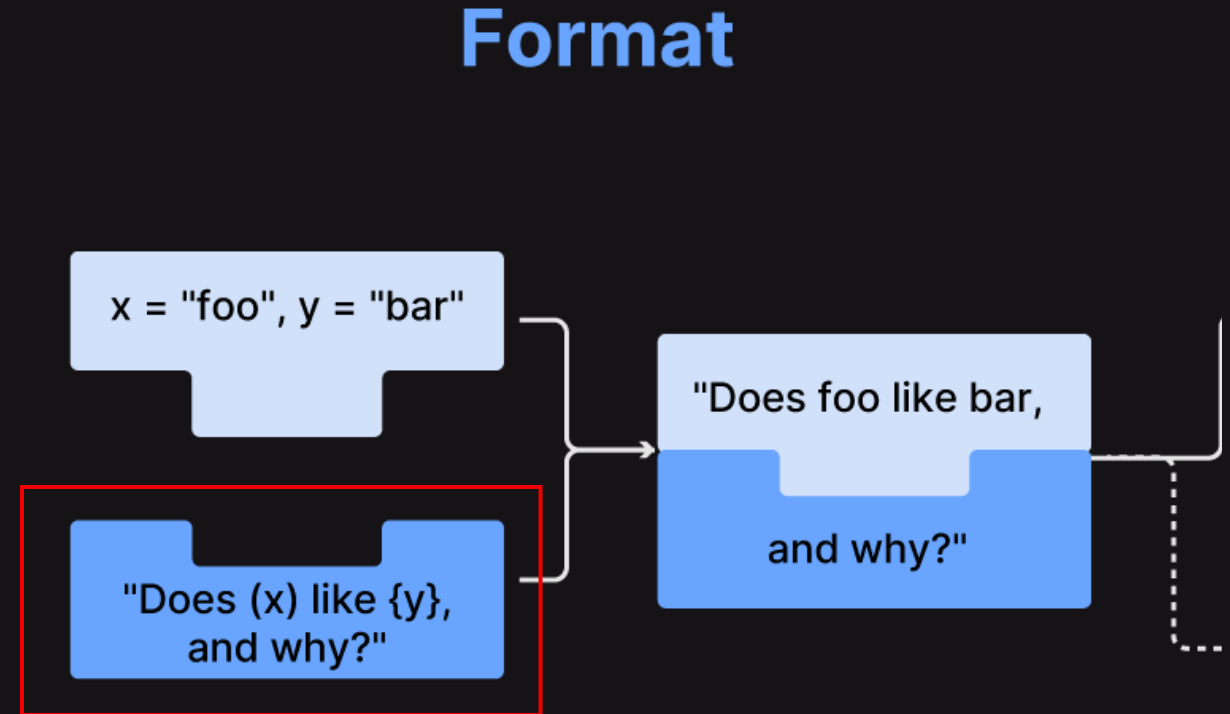


# Outline

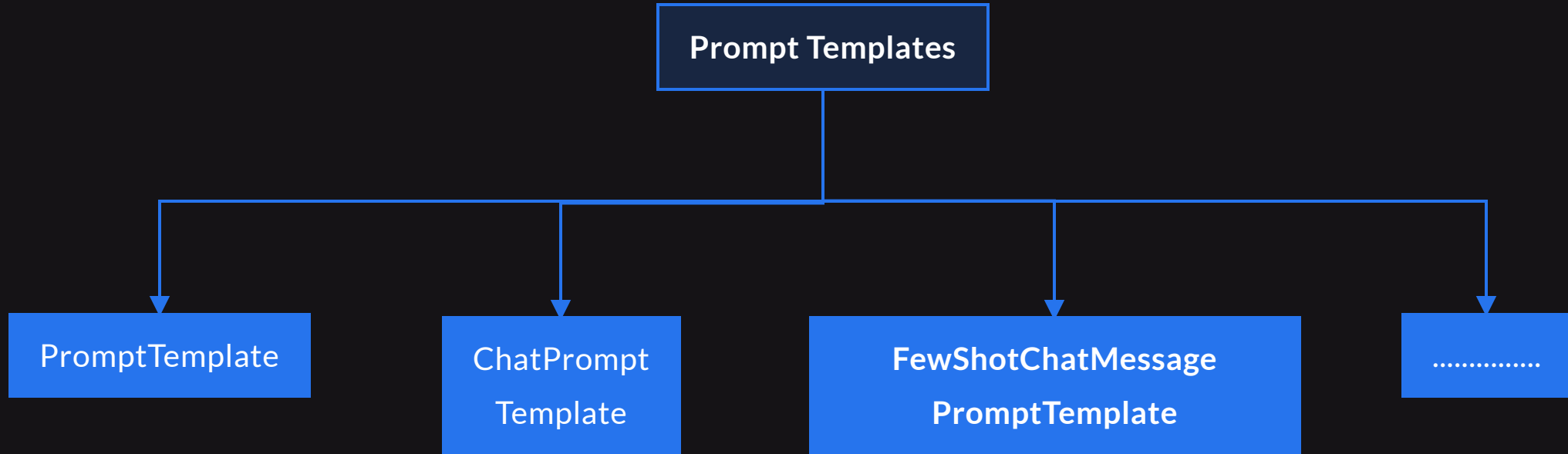
- What is a Prompt Template?
- Types of Prompt Templates In LangChain
- What is a Prompt?

# What is a Prompt Template?

- Prompt templates are predefined recipes or templates for generating prompts for LLMs
- A template may include instructions, few-shot examples, and specific context and questions appropriate for a given task
- Usually has placeholder variables where you can substitute your data at runtime



# Types of Prompt Templates In LangChain

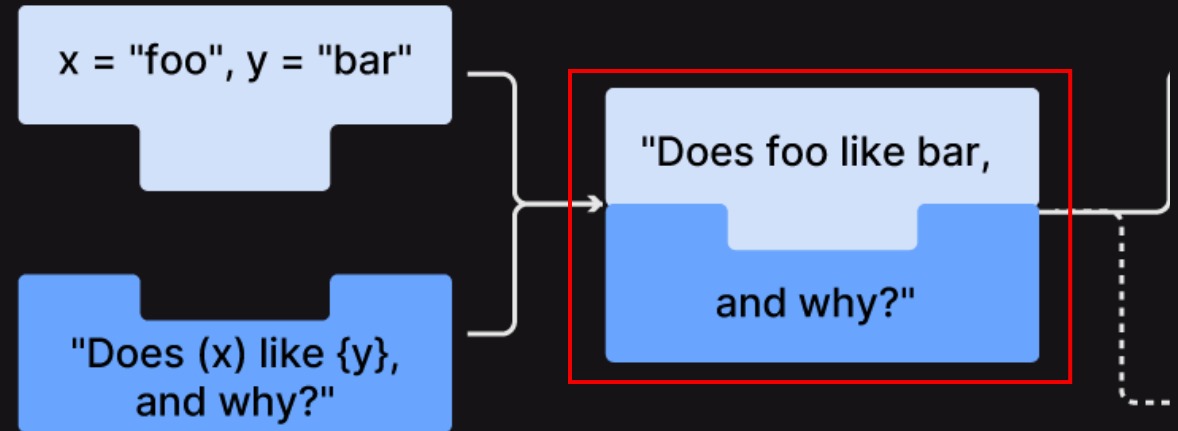


- LangChain enables you to have access to a variety of Prompt Templates to build prompts:
  - **PromptTemplate**: Helps create a template for a simple string-based prompt
  - **ChatPromptTemplate**: Helps create templates to prompt chat models, which is usually a list of chat messages
  - **FewShotChatMessagePromptTemplate**: Helps create chat prompt templates that support few-shot examples

# What is a Prompt?

- A prompt is a set of instructions provided by a user to guide the LLM to respond in a specific way
- Prompt = Prompt Template + Input Data
- We usually pass our own data into a prompt template to create a prompt before sending it to an LLM

## Format



# Thank You

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