











workshop-telkom-partnership-feb2025



/ Lab 1 - Perform Prompt Engineering with Prompt Lab /



 **lourensius-bisma** Update README.md 5defd67 · 3 days ago 


Name		Name	Last commit date
 ..			
	Common Use Cases	initial setup	4 days ago
	.DS_Store	initial setup	4 days ago
	Prompt engineering b...	initial setup	4 days ago
	Prompt engineering t...	initial setup	4 days ago
	README.md	Update README.md	3 days ago
	guide-to-the-general...	Add files via upload	4 days ago
	qna-using-prompt-la...	Create qna-using-prompt-la...	4 days ago

README.md

[workshop-telkom-partnership-feb2025](#)

/ Lab 1 - Perform Prompt Engineering with Prompt Lab /

 Top

Prompt Lab for Prompt Engineering

watson studio

Prompt Lab Functionality

The screenshot shows the IBM Watsonx Prompt Lab interface. Key components are labeled as follows:

- Project name:** Points to the 'Project' dropdown menu.
- History:** Points to the 'History' tab in the left sidebar.
- Typical application:** Points to the 'Sample prompts' section in the left sidebar.
- Selection how you want to write your prompt:** Points to the 'Structure' and 'Freeform' tabs.
- Prompt / instruction:** Points to the 'Set up' section where the prompt is written.
- Input example:** Points to the 'Examples (optional)' section.
- Expected output:** Points to the 'Expected output' section.
- Input test:** Points to the 'Try' section where a test prompt is entered.
- output:** Points to the 'Generated output appears here' section.
- Information after output response generated:** Points to the status bar at the bottom showing tokens and time.
- AI Guardrails:** Points to the 'AI Guardrails on' toggle.
- Prompt variable:** Points to the 'Prompt variable' input field.
- code and curl samples:** Points to the 'code and curl samples' button.
- Model selection:** Points to the 'Model:flan-ul2-20b' dropdown.
- Model parameters:** Points to the 'Model parameters' section on the right.
- Model Parameter Tuning:** Points to the 'Model Parameter Tuning' section on the right.
- Sampling parameter:** Points to the 'Sampling' section on the right.
- What character set as cue for the generation to stop:** Points to the 'Stopping criteria' section on the right.
- Min, max total token generated:** Points to the 'Min tokens' and 'Max tokens' fields.
- To generate prompt result:** Points to the 'Generate' button.

watsonx.ai makes it easy for us to interact with the LLM model by providing *LLM-as-a-service*. in watsonx.ai we can use **Prompt Lab** and **Python SDK**. By using Prompt Lab or Prompt Builder you can provide instructions to the available LLM models using the web interface. Meanwhile, if you are more interested in accessing the LLM model using a programming language, you can use the an example of SDK [here](#)

To understand how to use the Prompt Lab, and practice how to provide prompts to the LLM Model, complete the following lab:

1. [Lab 1.1 - Prompt engineering basic](#)
2. [Lab 1.2 - Prompt engineering tasks](#)
3. [Lab 1.3 - Q&A with prompt lab](#)