Watsonx AI

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STAT 5350/4350

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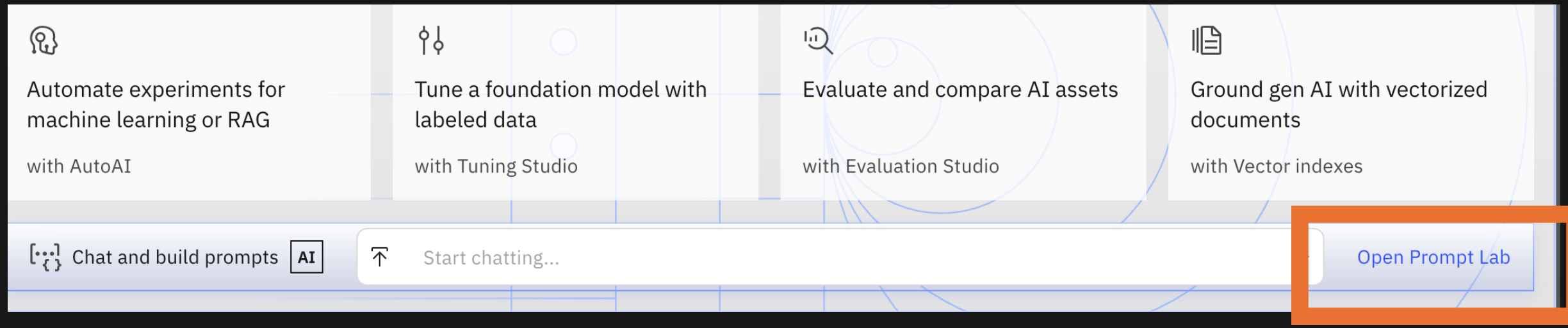
Pre-reqs

- Watson Natural Language Understanding
- Watsonx-studio

UI Tour



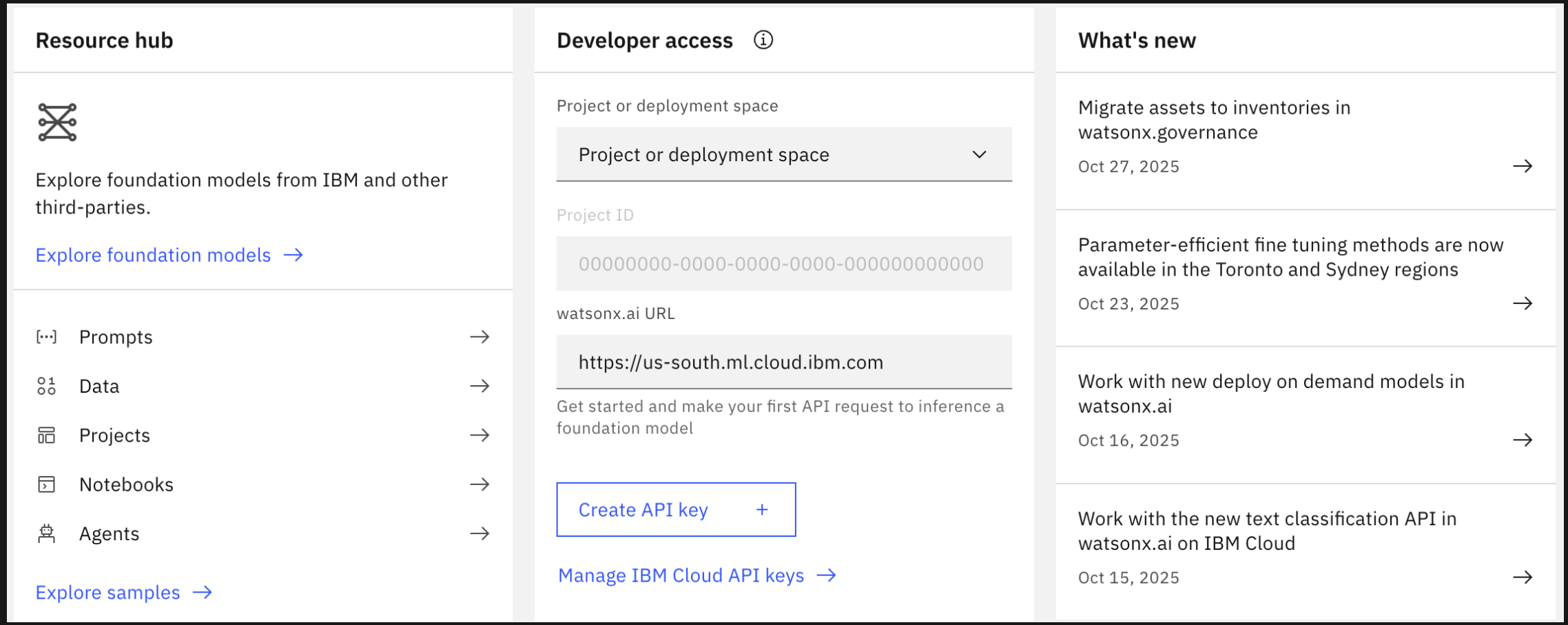
Get started with a task

Select a task based on your goal.

UI Tour

Discover resources

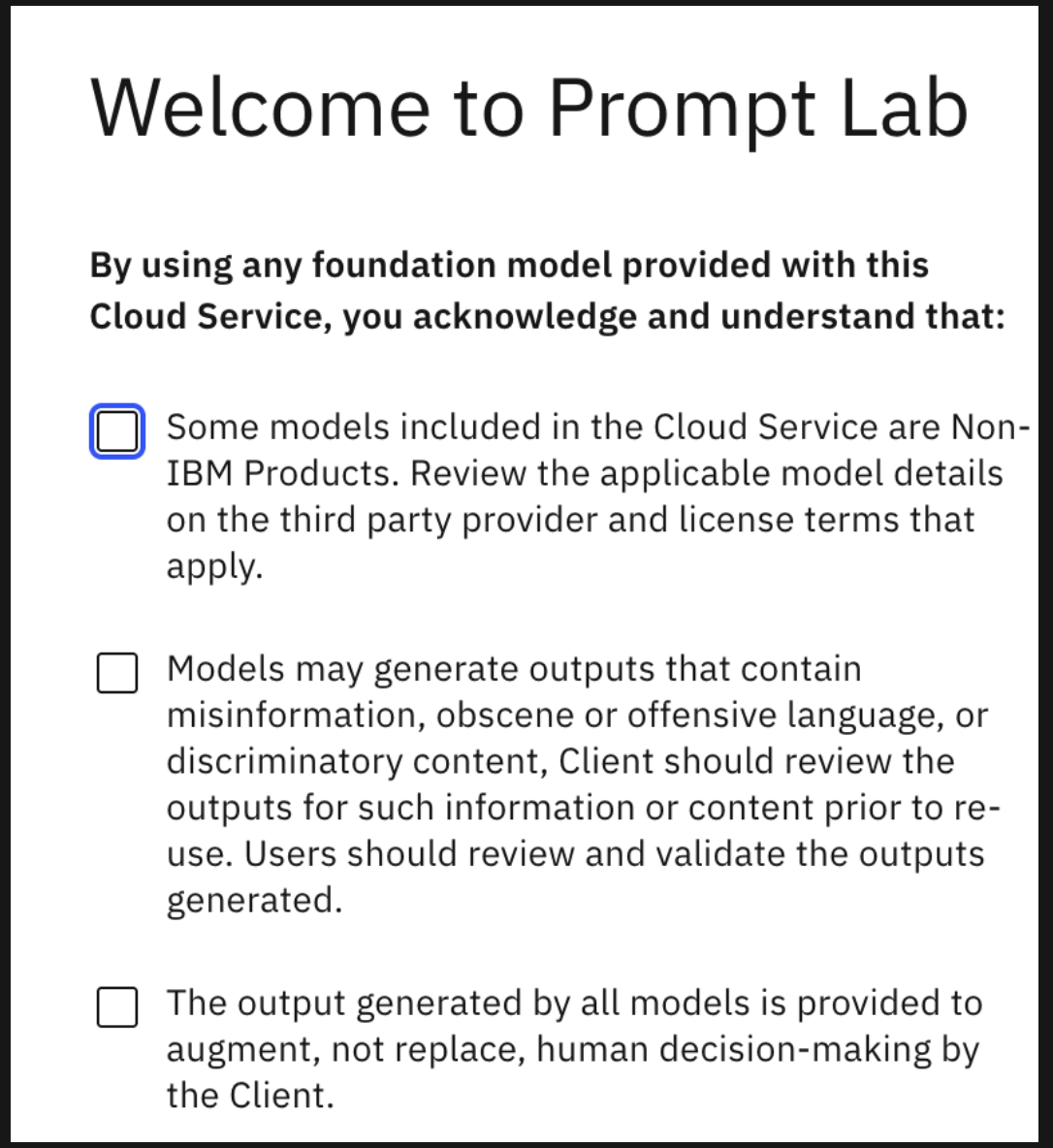
- Find samples & other resources.
- Try a sample project to take a comprehensive tutorial.



UI Tour

Terms & Conditions

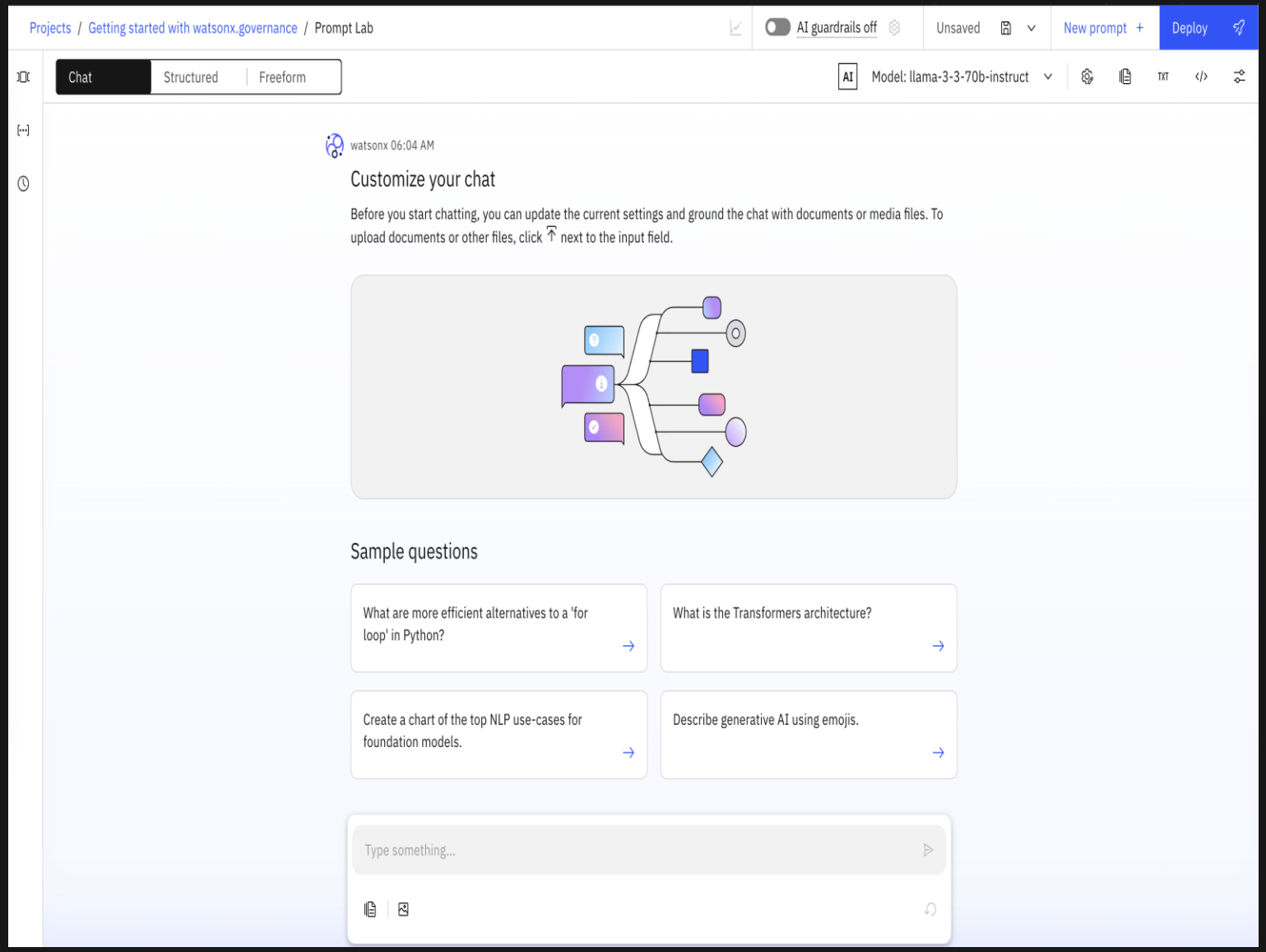
- Understand & agree to T&Cs.



UI Tour

Main Capabilities

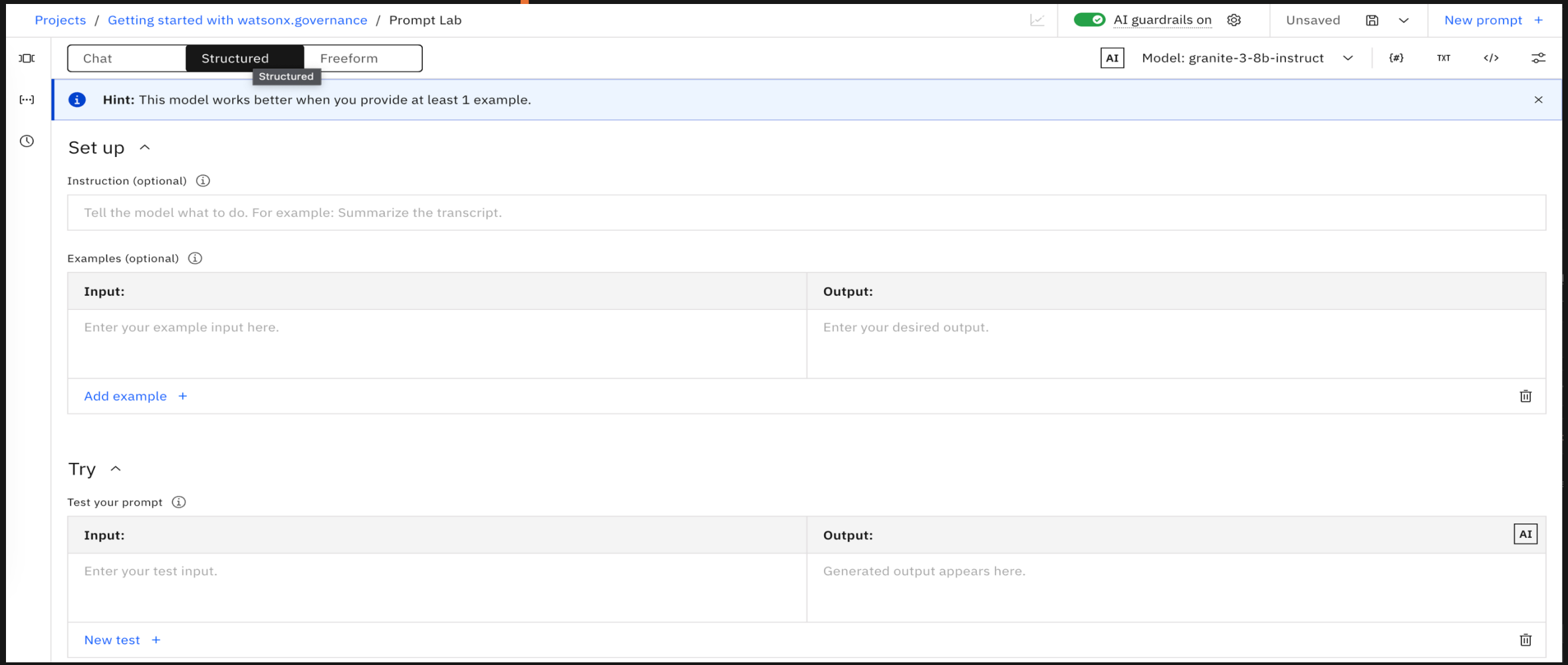
- Chat Type.
- Models Available
- Examples



Lab - 1

Structured prompt

- System prompt.
- Zero, one, few shot examples
- Try different models



Lab - 2

Save as:
Jupyter Notebook

[···] Prompt Lab | Part of IBM watsonx.ai® Prompt notebook

Prompt Notebook with Chat - Prompt Lab Notebook v1.1.0

This notebook contains steps and code to demonstrate inferencing of prompts generated in Prompt Lab in watsonx.ai with a chat format. It introduces Python API commands for authentication using API key and prompt inferencing using WML API.

Note: Notebook code generated using Prompt Lab will execute successfully. If code is modified or reordered, there is no guarantee it will successfully execute. For details, see: Saving your work in Prompt Lab as a notebook.

Some familiarity with Python is helpful. This notebook uses Python 3.10.

Notebook goals

The learning goals of this notebook are:

- Defining a Python function for obtaining credentials from the IBM Cloud personal API key
- Defining parameters of the Model object
- Using the Model object to generate response using the defined model id, parameters and the prompt input