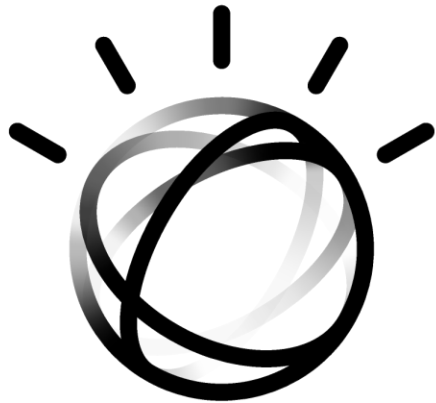


Watsonx AI

cloud.ibm.com

STAT 5350/4350

11/5/2025

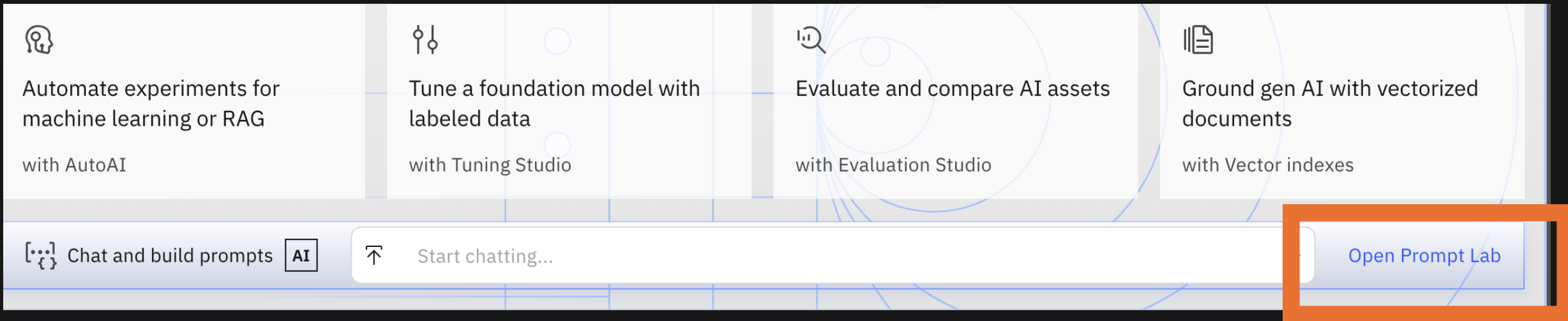


IBM Watson®

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.

Resource hub




Explore foundation models from IBM and other third-parties.


[Explore foundation models →](#)

 Prompts


→

 Data


→

 Projects

→

 Notebooks

→

 Agents

→

[Explore samples →](#)

Developer access

Project or deployment space

Project or deployment space ▾

Project ID

00000000-0000-0000-0000-000000000000

watsonx.ai URL

https://us-south.ml.cloud.ibm.com

Get started and make your first API request to inference a foundation model

Create API key +

[Manage IBM Cloud API keys →](#)

What's new

Migrate assets to inventories in watsonx.governance

Oct 27, 2025 →

Parameter-efficient fine tuning methods are now available in the Toronto and Sydney regions

Oct 23, 2025 →

Work with new deploy on demand models in watsonx.ai

Oct 16, 2025 →

Work with the new text classification API in watsonx.ai on IBM Cloud

Oct 15, 2025 →

UI Tour

Terms & Conditions

- Understand & agree to T&Cs.

Welcome to Prompt Lab

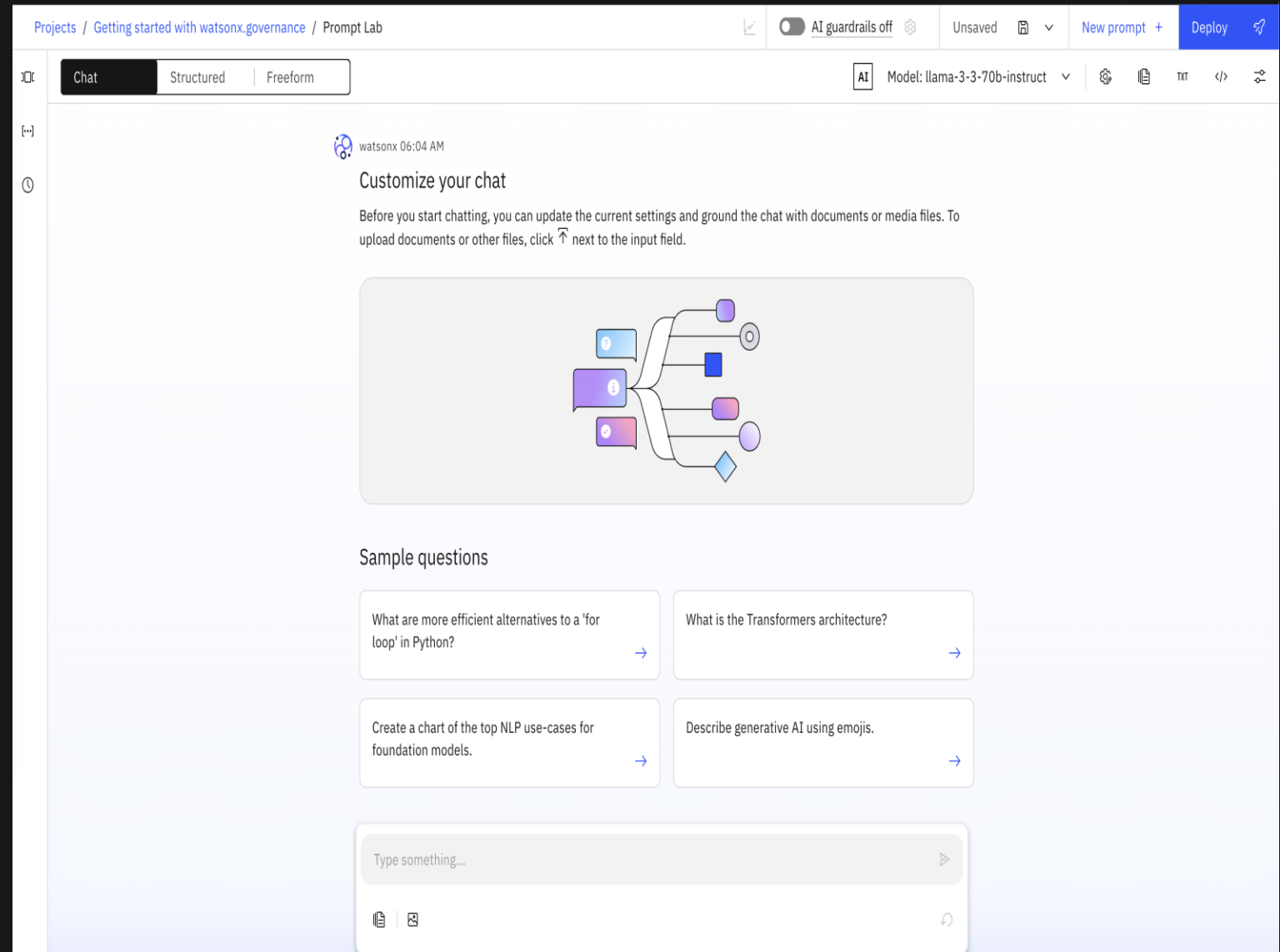
By using any foundation model provided with this Cloud Service, you acknowledge and understand that:

- ☒ Some models included in the Cloud Service are Non-IBM Products. Review the applicable model details on the third party provider and license terms that apply.
- ☐ Models may generate outputs that contain misinformation, obscene or offensive language, or discriminatory content, Client should review the outputs for such information or content prior to re-use. Users should review and validate the outputs generated.
- ☐ The output generated by all models is provided to augment, not replace, human decision-making by the Client.

UI Tour

Main Capabilities

- Chat Type.
- Models Available
- Examples



Lab - 1

Structured prompt

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

[Projects](#) / [Getting started with watsonx.governance](#) / Prompt Lab

Chat

Structured

Freeform

AI

Model: granite-3-8b-instruct

{#}

TXT

</>

Unsaved

New prompt +

Hint: This model works better when you provide at least 1 example.

Set up

Instruction (optional)

Tell the model what to do. For example: Summarize the transcript.

Examples (optional)

Input:	Output:
Enter your example input here.	Enter your desired output.
<div>Add example +</div>	

Try

Test your prompt

Input:	Output:
Enter your test input.	Generated output appears here.
<div>New test +</div>	

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