watsonx Assistant track

Create a banking customer care virtual agent with watsonx Assistant, watsonx.ai, and Watson Discovery

Before you begin

Download and unzip a [set of short instructional videos](#) to help you with this challenge.

Make sure you have setup your IBM Cloud environment by following the [Set up your account ahead of the challenge](#).

Set up watsonx Assistant Actions with watsonx ai and Watson Discovery

1. Download the sample actions from the starter kit: [discovery-watsonx-actions.json](#).
2. Use Actions Global Settings to upload the JSON file to your assistant. This will create three Actions
   a. Search
   b. Generate Answer
   c. Invoke watsonx generation API
3. Go to your watsonx Assistant service by clicking the **Resource list** on the left pane menu and clicking the **GSI-Challenge-WA** under AI/Machine Learning. You will be navigated to watsonX Assistance instance page.

4. Click on the **Launch Watson Assistant** button. You will be navigated to the watsonX Assistant dashboard.
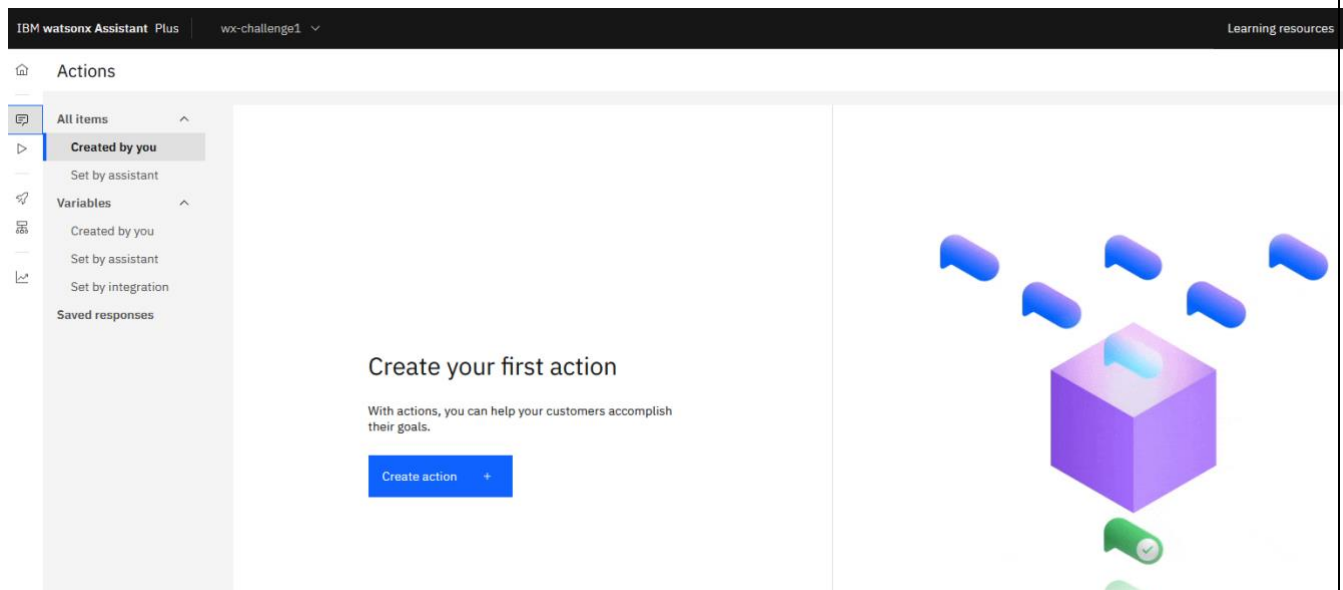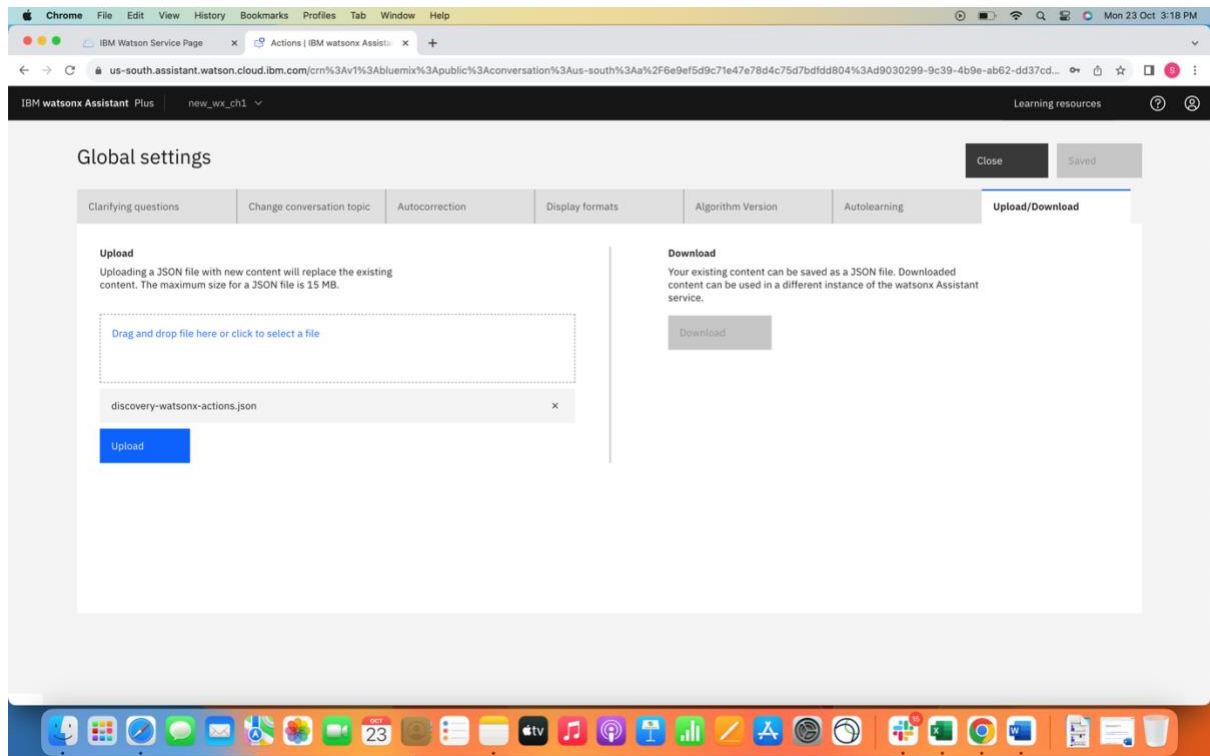

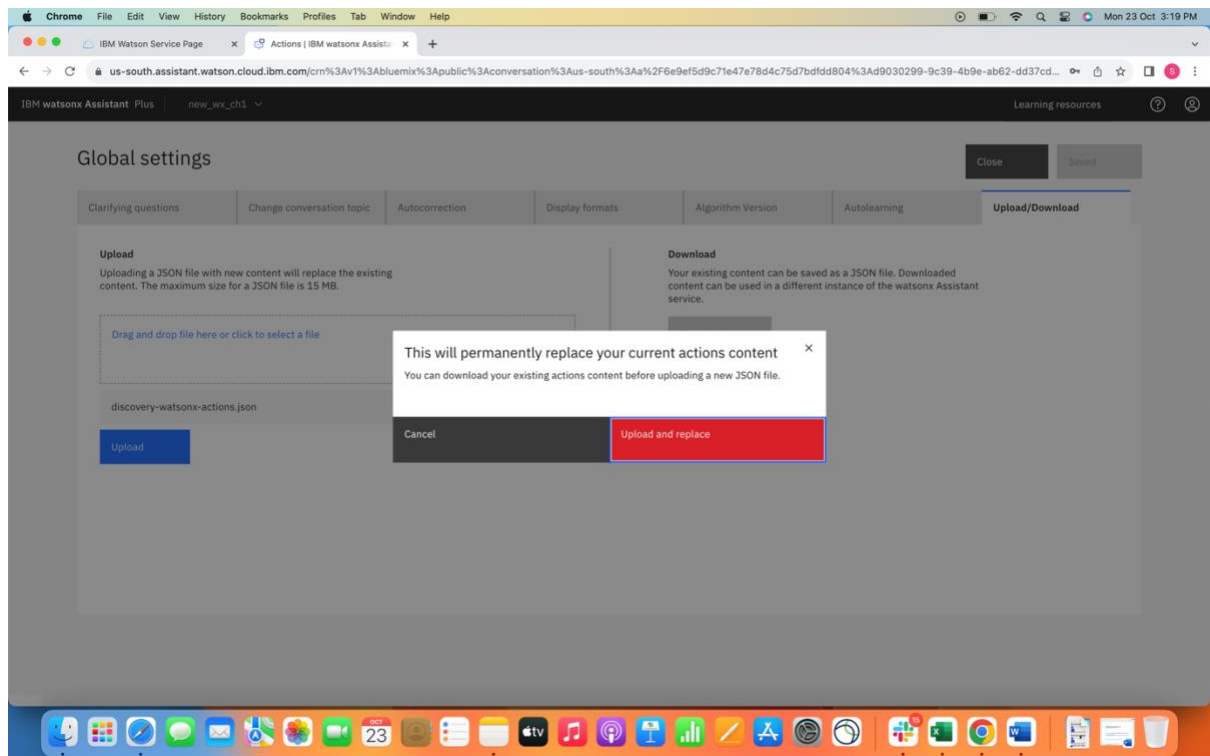5. In the watsonx Assistant left menu, click **Actions**.
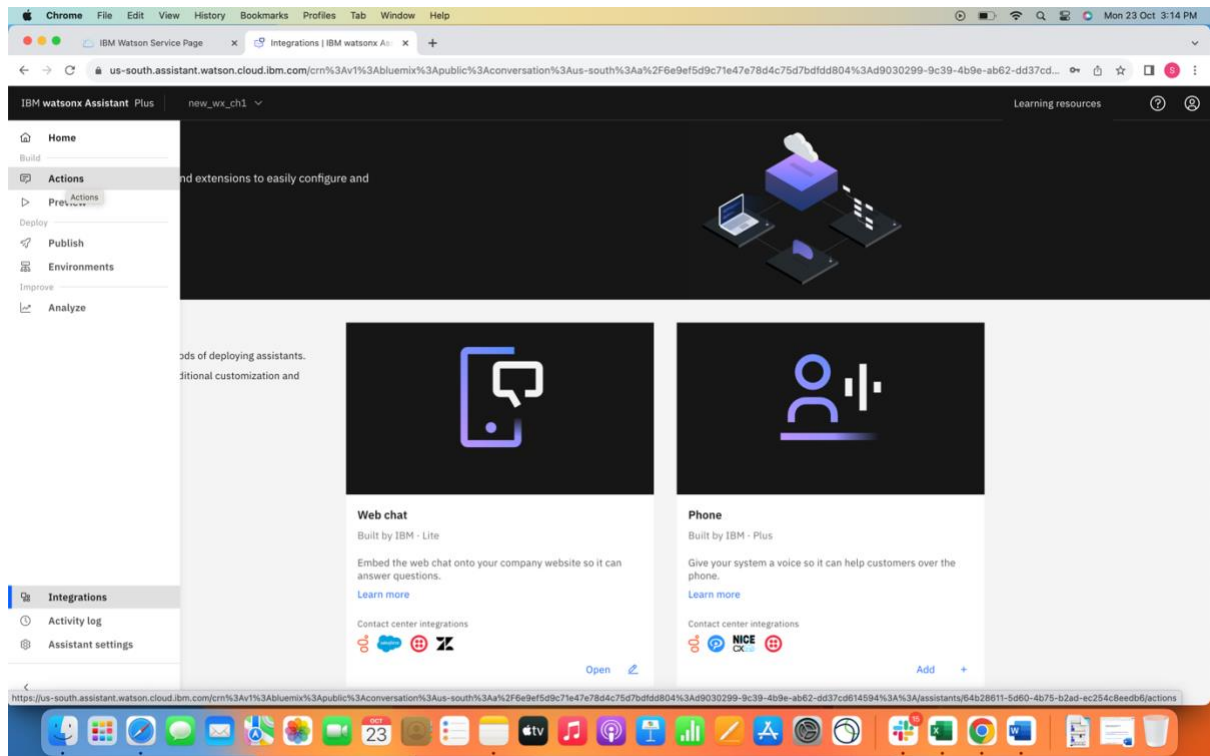
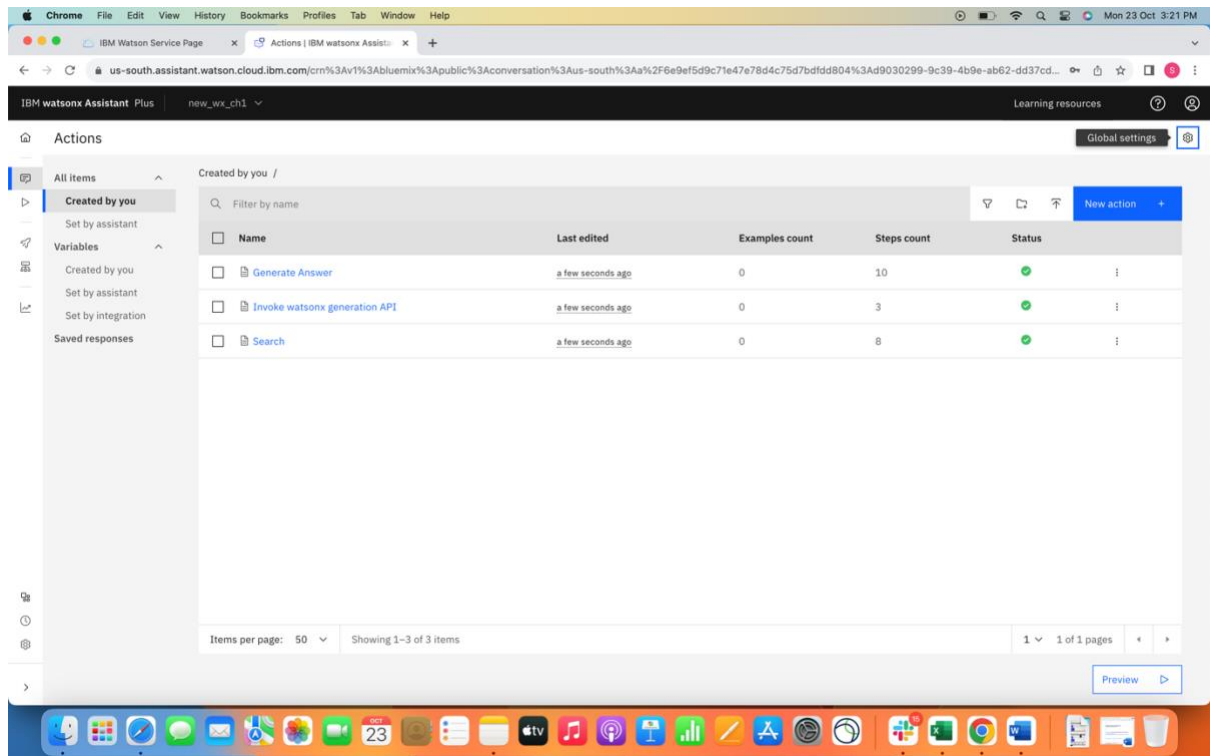6. Click the **Global Settings** icon on the top-right of the screen.

7. Click the **Upload/Download** tab and upload the discovery-watsonx-actions.json file.
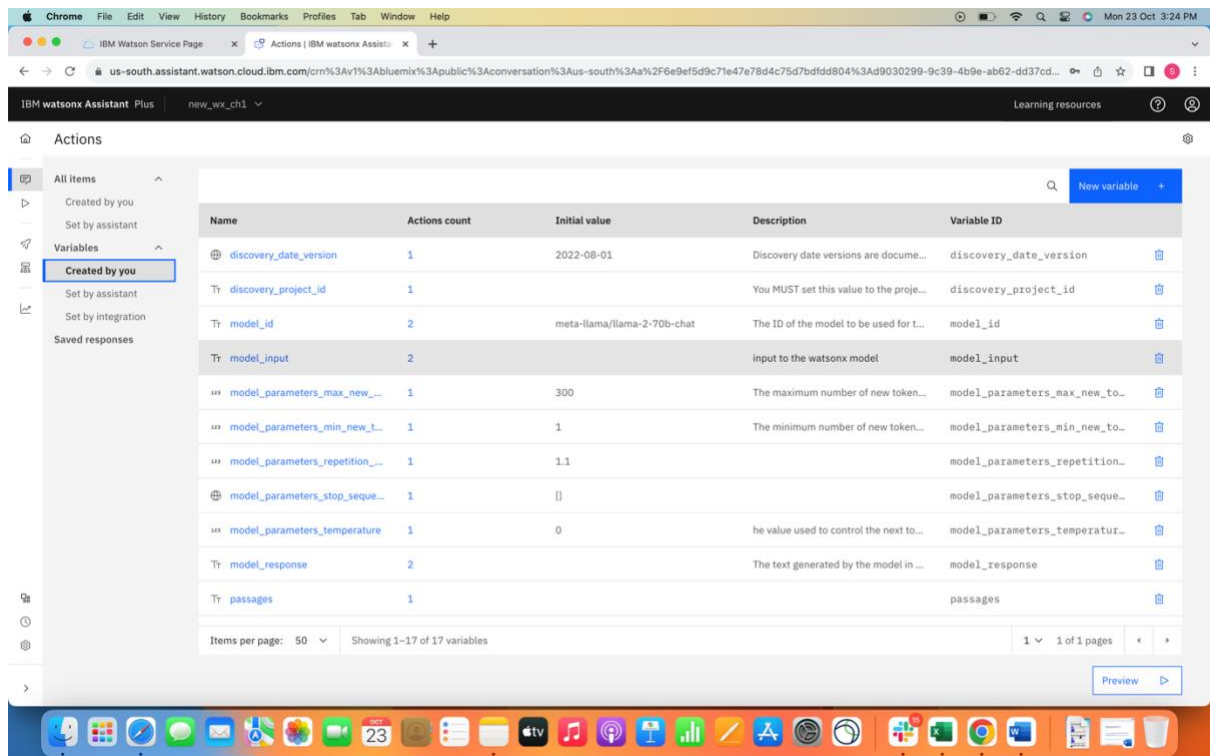
Click on **Upload and replace** button. And **Close** the Global settings.

8. When you have uploaded, you will see three actions, similar to the following image:

9. In the left menu, click **Variables > Created by you**.

10. Click on the discovery_project_id and set the discovery_project_id:
 **9e5fab1a-f06a-45fc-a1a5-3330b2d8cb59**

 ***(For discovery url api.us-

south.discovery.watson.cloud.ibm.com/instances/eaee3262-0f8b-45a6-8179-1cbae5eef667 use the above project id)
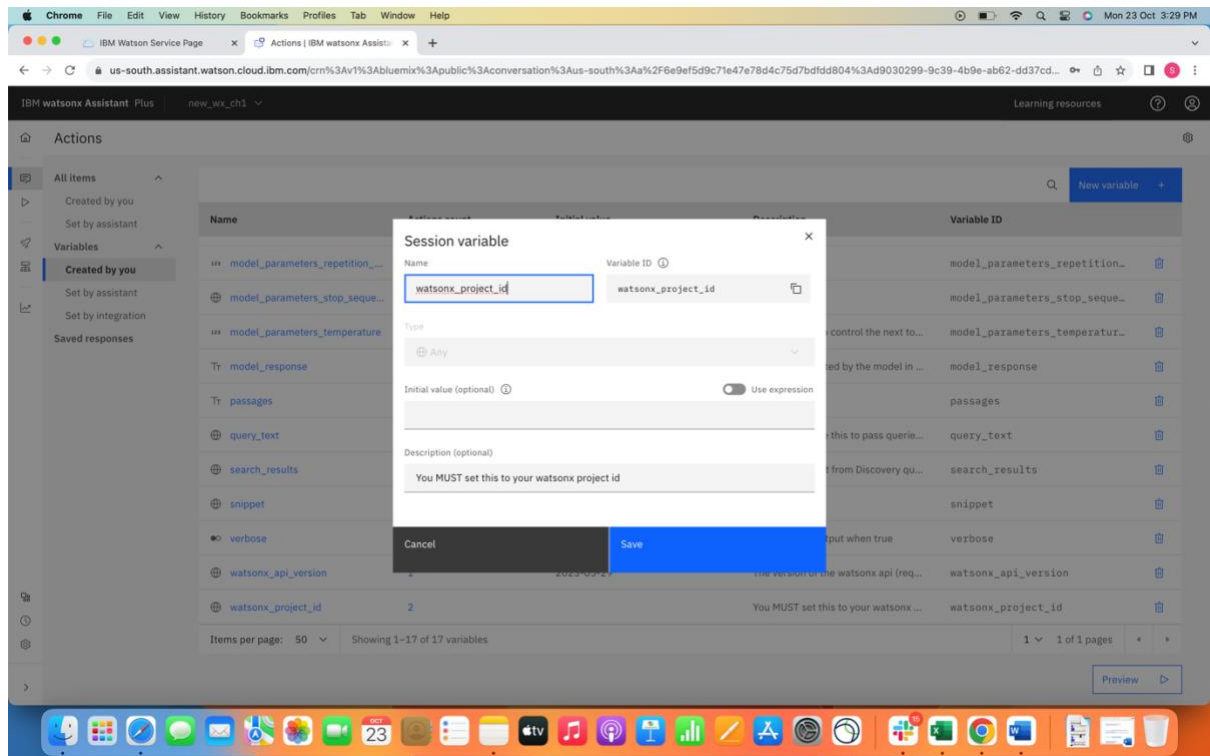
Or **a32765dc-0144-4344-9606-2aefc679fa59**

***(For discovery url discovery_url with api.us-south.discovery.watson.cloud.ibm.com/instances/a83d0a4b-a6d9-41db-972a-5b70d5fc2c91 use the above project id)**

11.Click **Save**.
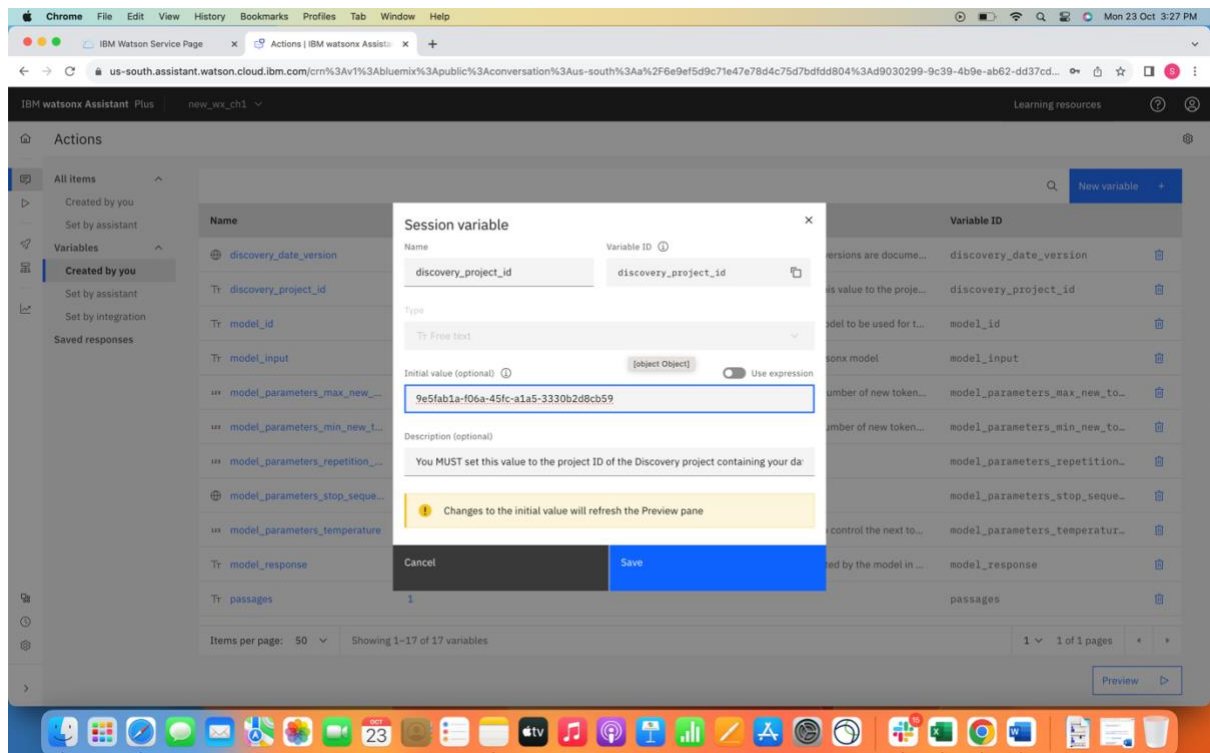
12. Set the watsonx_project_id using the same process. Use the watsonx project ID created in the [setup instructions](#).
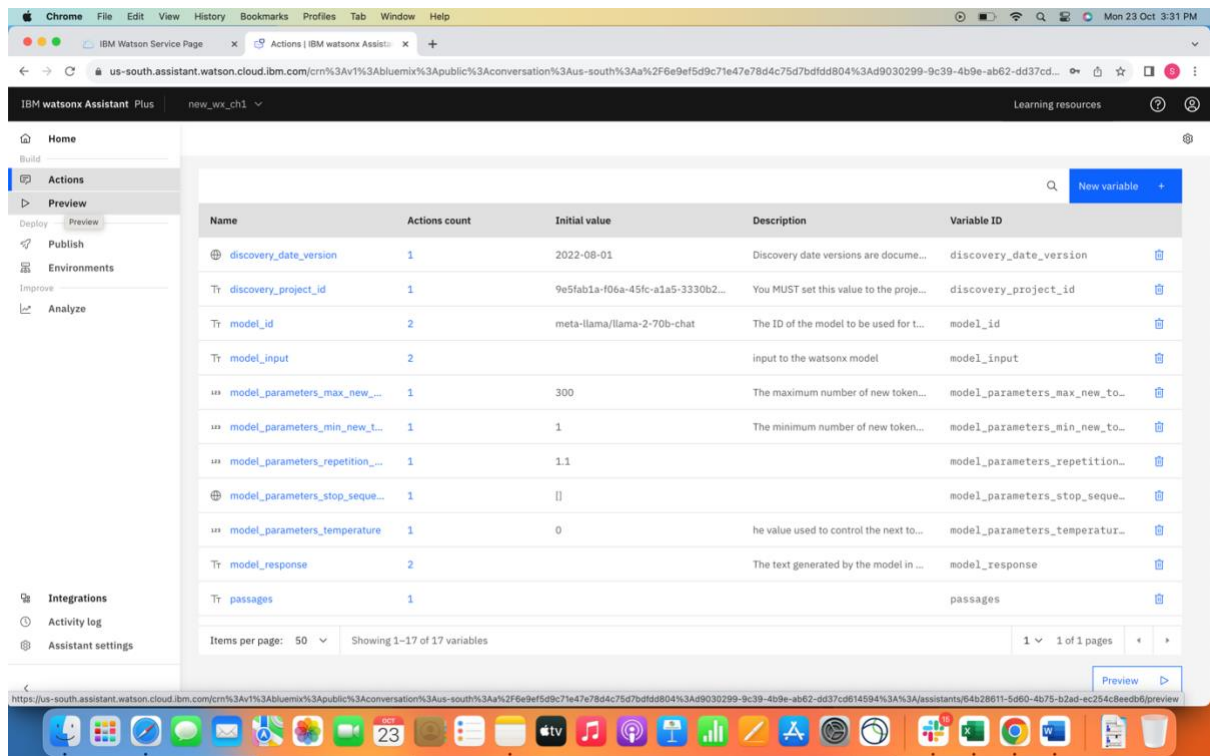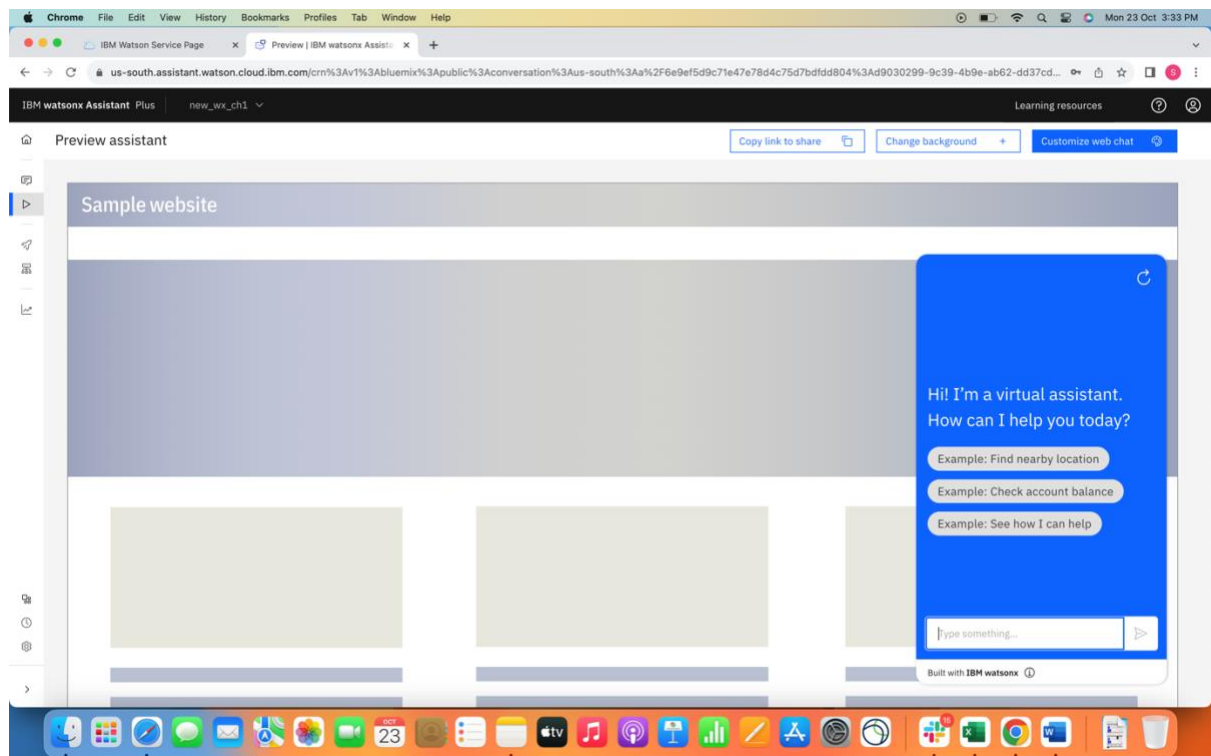**13.** Click **Save**

You have now added the Watson Discovery custom extension for Watson Assistant.

Test the integration

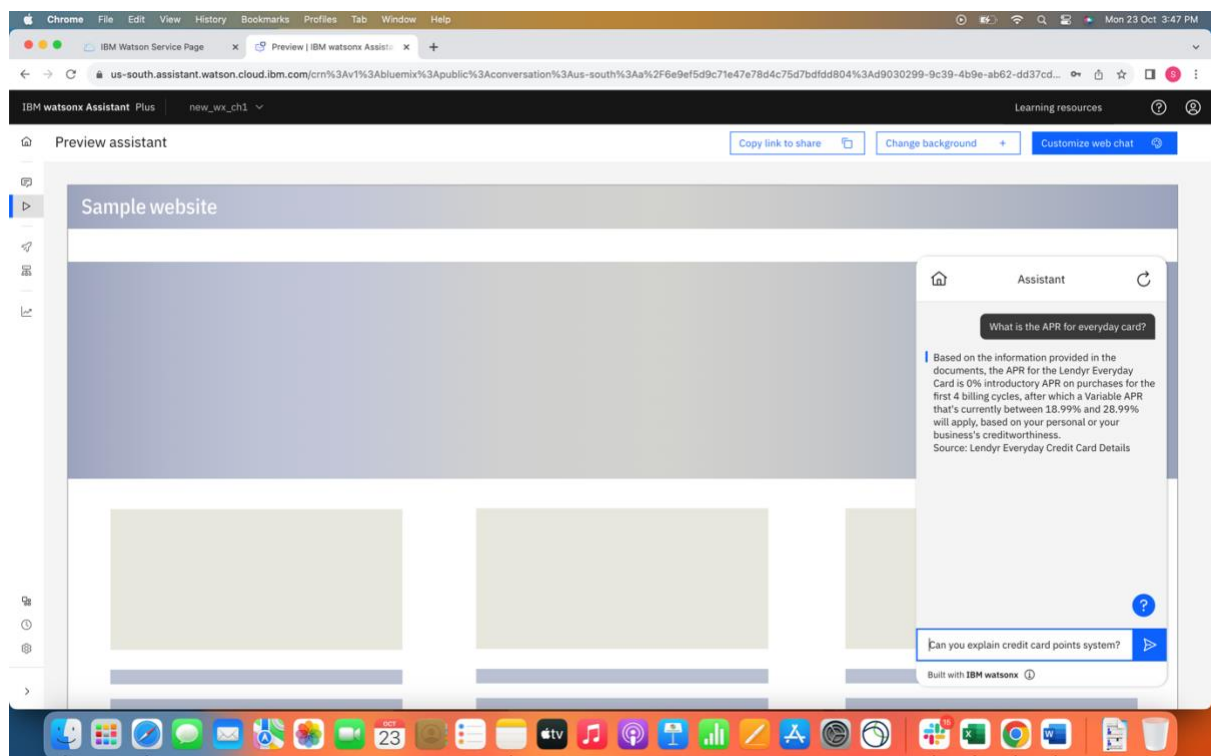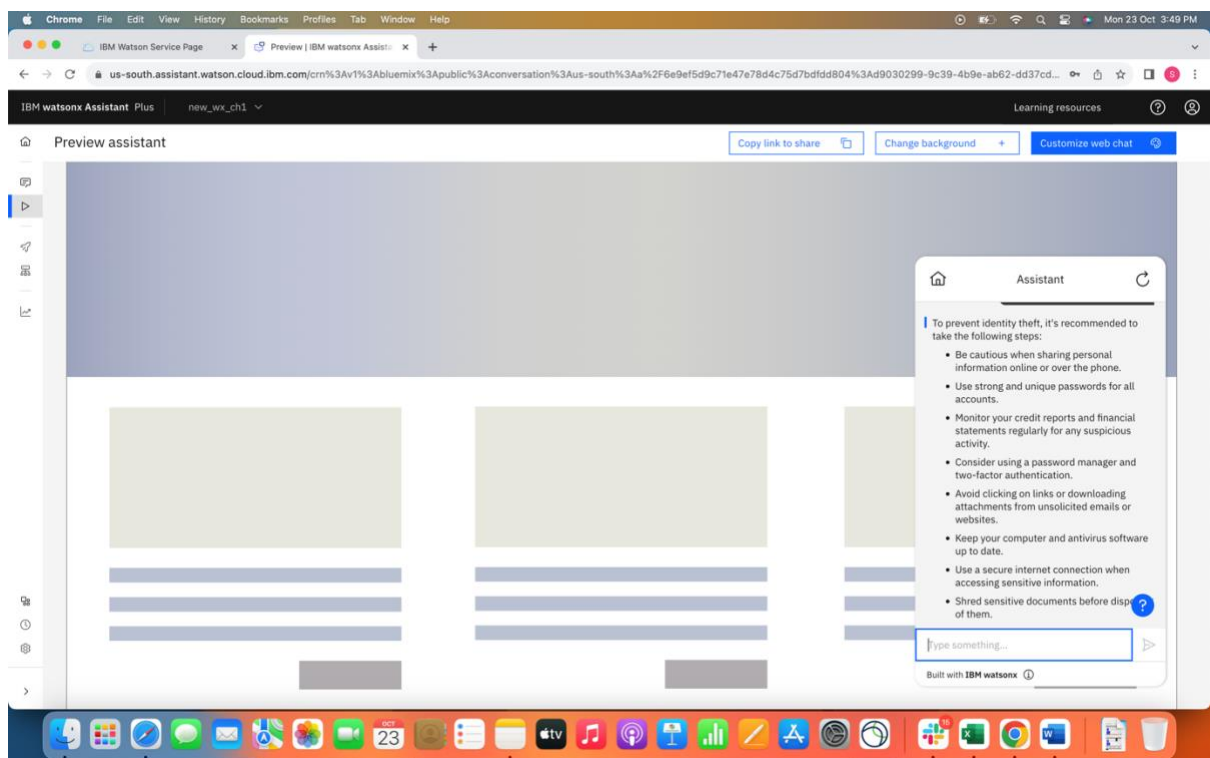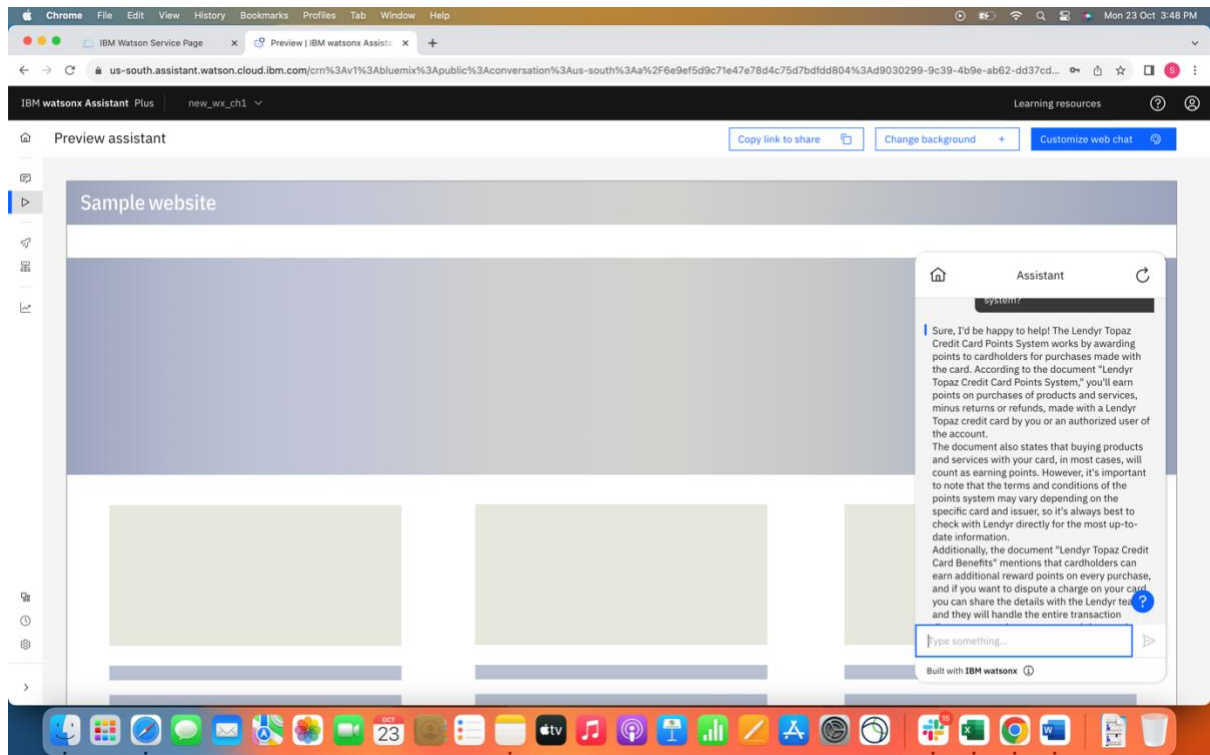1. In the Watson Assistant left menu, click **Preview**.

2. Test the Assistant with sample questions.

3. Try these sample questions:
   - What is the APR for everyday card?
   - Can you explain credit card points system?
   - How do i prevent identity theft?

You can author other custom Actions directly within watsonx Assistant. The Lendyr demo will give you an example of the type of virtual assistants that can be created with watsonx Assistant.