## 1. Advanced Recommendation: Watson Discovery

- 1. Go to the <u>Discovery</u> page in the IBM Cloud catalog. The service instance is created in the **default** resource group if you do not choose a different one, and it *cannot* be changed later. This group is sufficient for the purposes of trying out the service. If you're creating an instance for more robust use, then learn more about <u>resource groups</u>
- 2. Sign up for a free IBM Cloud account or log in.
- 3. Click Create. After you create an instance of Discovery, you're taken to your list of services.
- 4. Get started by launching the service. Launch the Watson Discovery



Resource group: Default Location: Sydney Add Tags

Get started by launching the tool.

Launch Watson Discovery Getting started tutorial API reference

5.

6. You need to create a new collection. There are two ways to create a new collection of data, by uploading documents and connect it to a data source. In this tutor we will learn how to upload our own data. select the "Upload your own data"



Collections of your private data and pre-enriched data to configure and query against. Learn more.

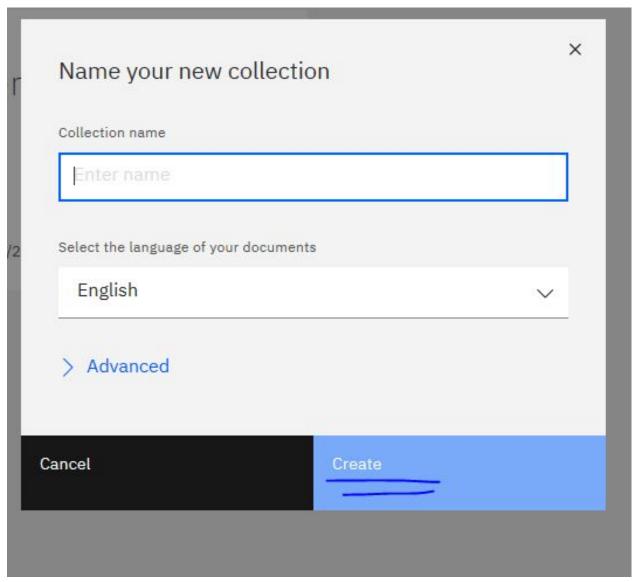
Create a new data collection

Upload your own data

Connect a data source %



7. Insert your name for your new collection, for example: small-retail-bot, then click create



8. Download all the documents for discovery from Moodle. Upload your data to get it started. select upload your documents, and select all the 15 documents and start

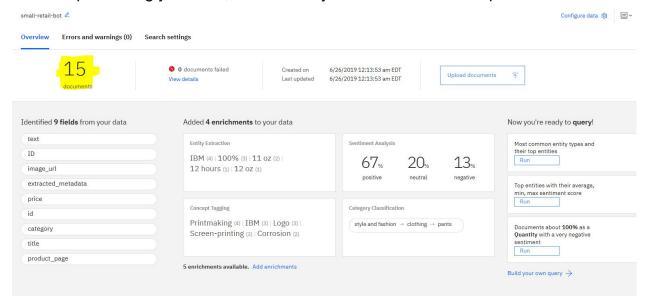
uploading.



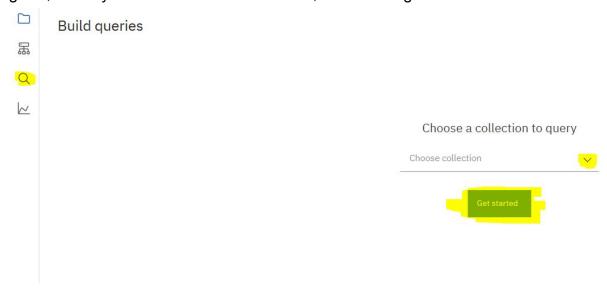
# Upload data to get started

Drag and drop your documents here, or select documents

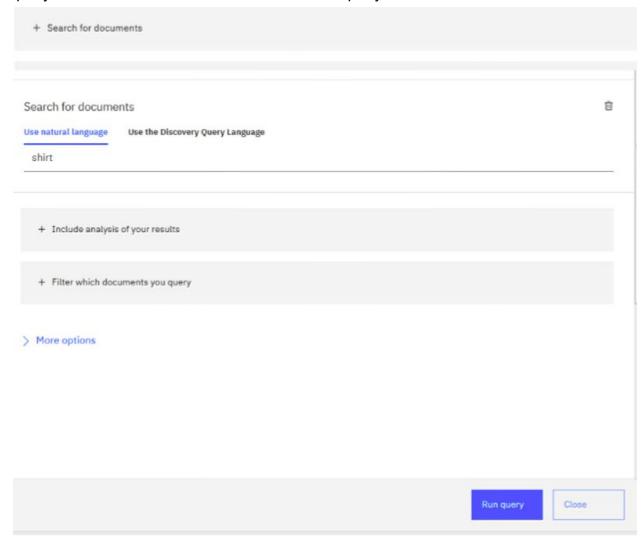
9. IBM now processing your data, wait until all your 15 documents are processed.



10. Lets train the discovery by building query. On the left side, select the magnifier glass, select your collection small-retail-bot, then select get started

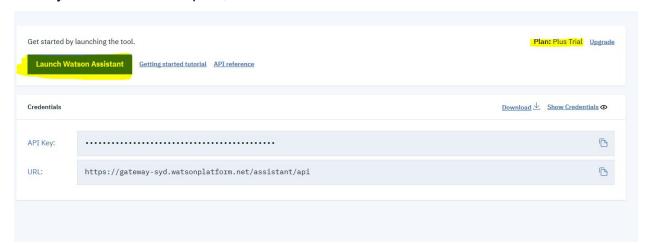


11. Select "Search for Documents", select use natural language, and type "shirt" to query about shirt in our documents. Select run query.



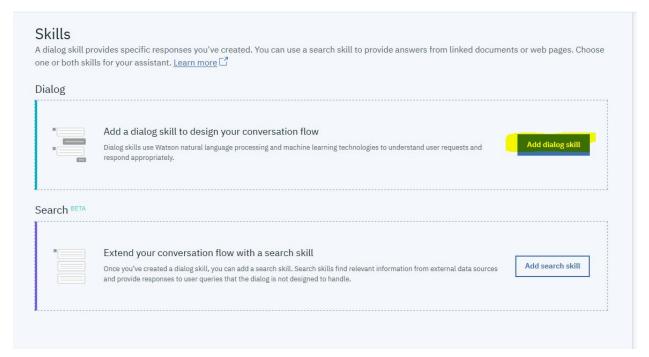
12. After that Go to IBM Watson Assistant. Make sure you already have a plus-trial plan. If not, change it from "Lite Plan" to "Plus Trial". Tutorial about how to change it, please go to document about **Advanced Feature: Intent Recommendation** If you

already have a Plus Trial plan, launch the Watson Assistant.



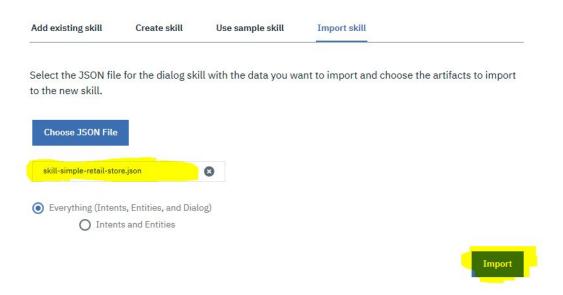
13. Download the skill-simple-retail-store.json from Moodle. Create a new assistant. Click add the dialog skill. Import the skill-simple-retail-store.json in the skill page to add intents,entities,and dialog.

# Create Assistant Create an assistant to deploy the skill that addresses your customers' goals. Name Name Name your assistant, for example Banking or Customer Care. new-retail bot Description (optional) Add a description for this assistant Preview Link Enable Preview Link Create assistant

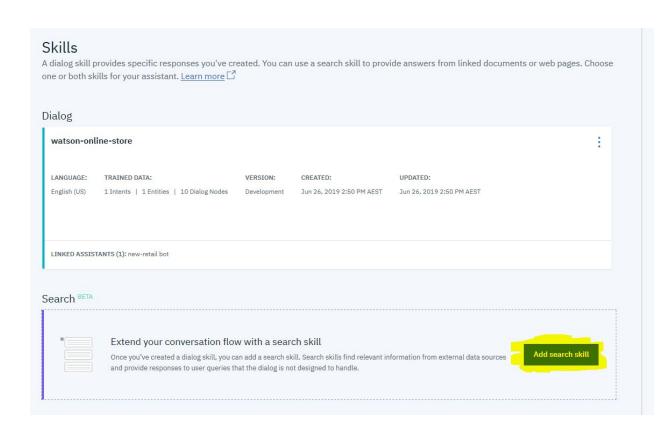


# Add Dialog Skill

Add an existing skill, or create a new dialog skill to add to your assistant.



14. Now you have Watson-online-store as your dialog skill. Now add a search skill. a Search skill is where you add your document collection in Watson Discovery Service. Create a new search skill, then select your document collection in Watson Discovery. Select your "small-retail-bot" and then click configure

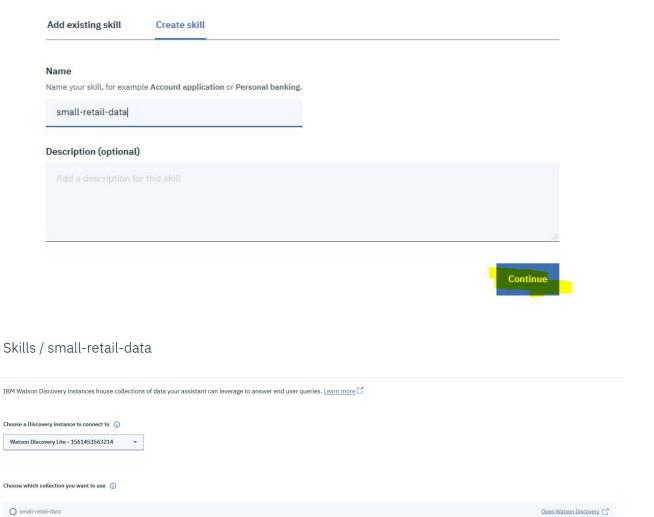


# Add Search Skill BETA

small-retail-bot

△ Collection limit reached. Learn more

Add an existing skill, or create a new dialog skill to add to your assistant.



15. Customise how Watson Discovery can give the response to Watson Assistant. You can leave it blank or fill it like in this picture below. Select Title in the Title, Text in

Open Watson Discovery

### Body, and Product Page in URL. click create in the bottom right corner.

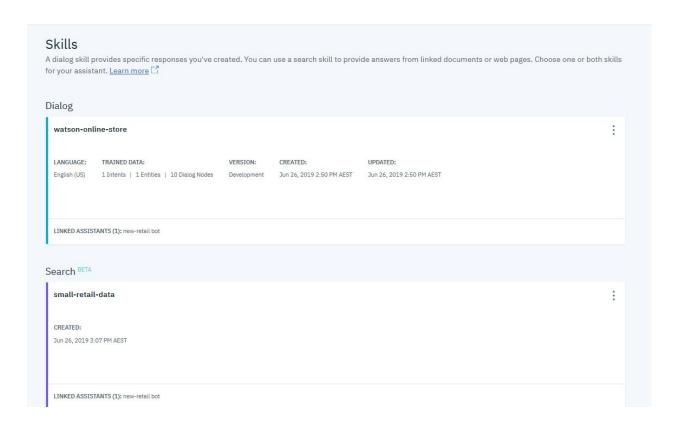


ncel Create

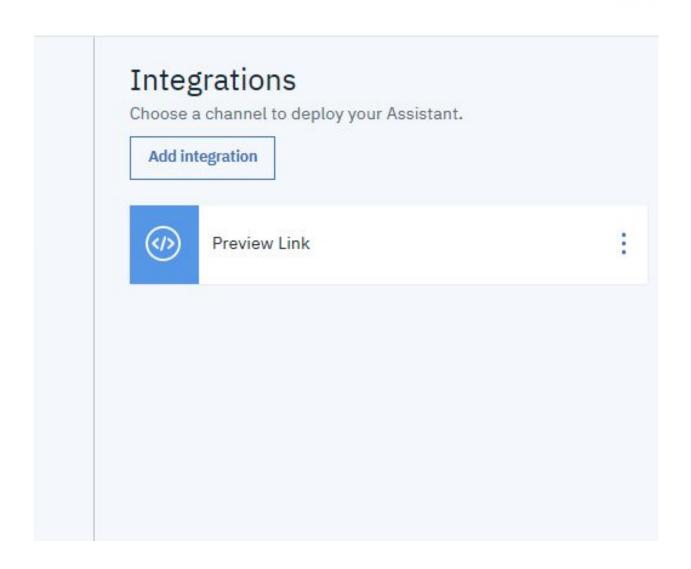
### 16. Now, your assistant will have a dialog skill and a search skill

< Assistants

### new-retail bot



17. Now let's test it. Select preview link in the right side.



### 18. Click in the link to test your chatbot.

# Preview Link Integration

### Name

Preview Link

### Description

A public link you can share to test your assistant outside of the tooling.

# Try it out and share the link

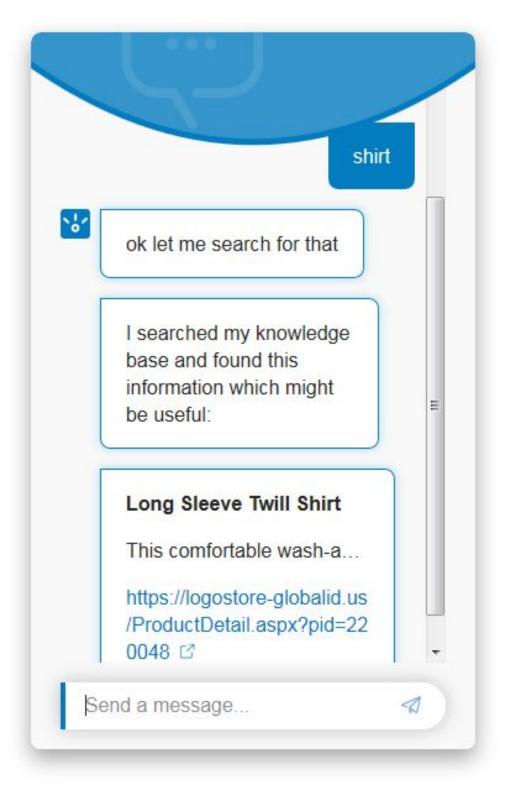
Use of the assistant embedded in this web page incurs billing charges.



https://assistant-chat-au-syd.watsonplatform.net/web/public <u>/738e50a6-4e08-4c53-8dc9-07618896be27</u> ☐

Save Changes

19. If you type "shirt" your chatbot will show you the product from documents that we upload.



20. Final comment: This chatbot is still not perfect because the feature "Search skill" in beta. We also cannot set up an advanced query in the Watson Assistant. We need to do coding to make an advanced query.