

# **Cloud Application** **Development - Group 5**

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**Project name** : Chatbot deployment with IBM Watson

# **Chatbot deployment with IBM Watson**

## **Phase 3**

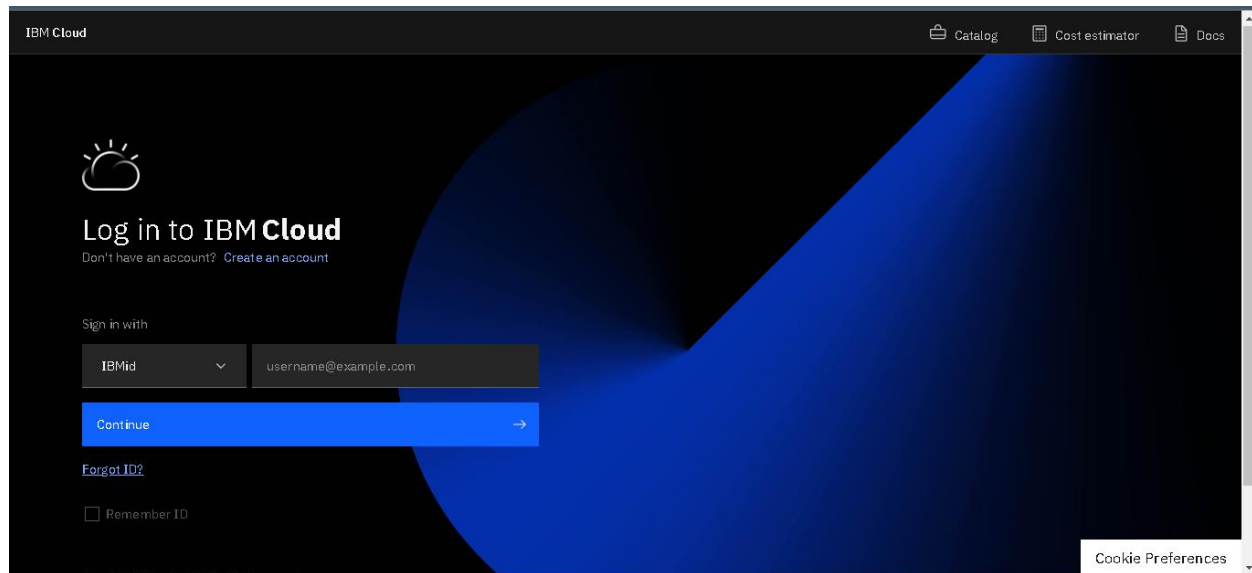
### **Building a chatbot using IBM cloud Watson assistant**

#### **Introduction**

Watson Assistant is an impressive chatbot and virtual assistant platform created by IBM. Its purpose is to assist businesses and developers in creating interactive conversations with users using natural language. Watson Assistant utilizes IBM's advanced technology, employing natural language processing and machine learning to comprehend and provide responses to user queries. It can be utilized in a range of applications, such as customer support, retrieving information or guiding users through intricate tasks. Watson Assistant provides a flexible and customizable solution to improve user engagement and streamline processes through automated discussions.

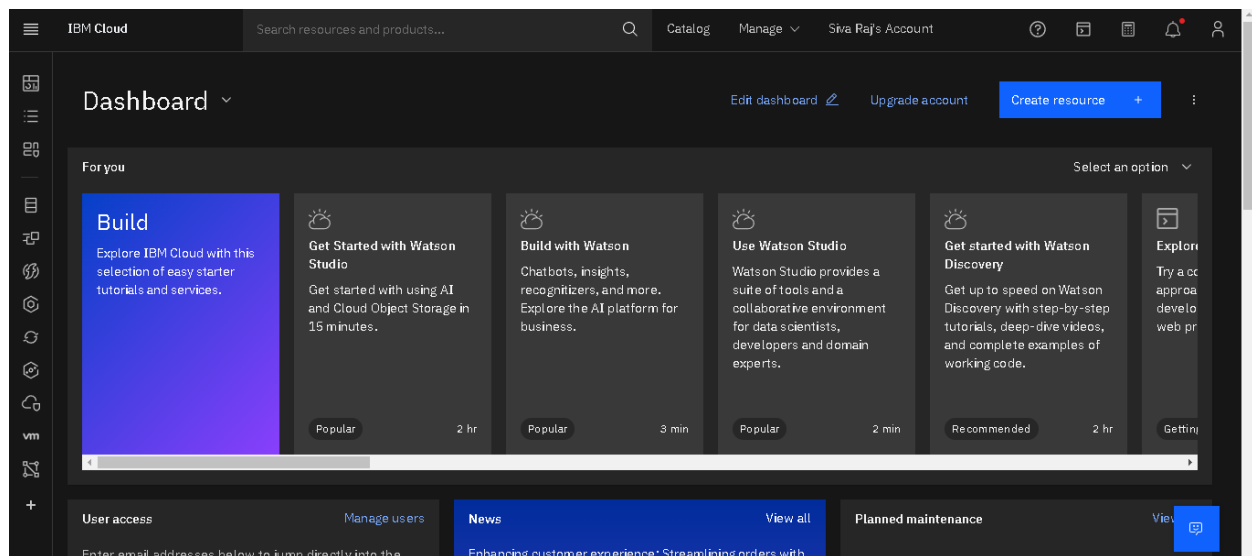
#### **Set Up an IBM Cloud Account**

First, create an IBM Cloud account from the [IBM Cloud website](#) and log in. Keep in mind that the IBM id button will probably be the email address you registered with.

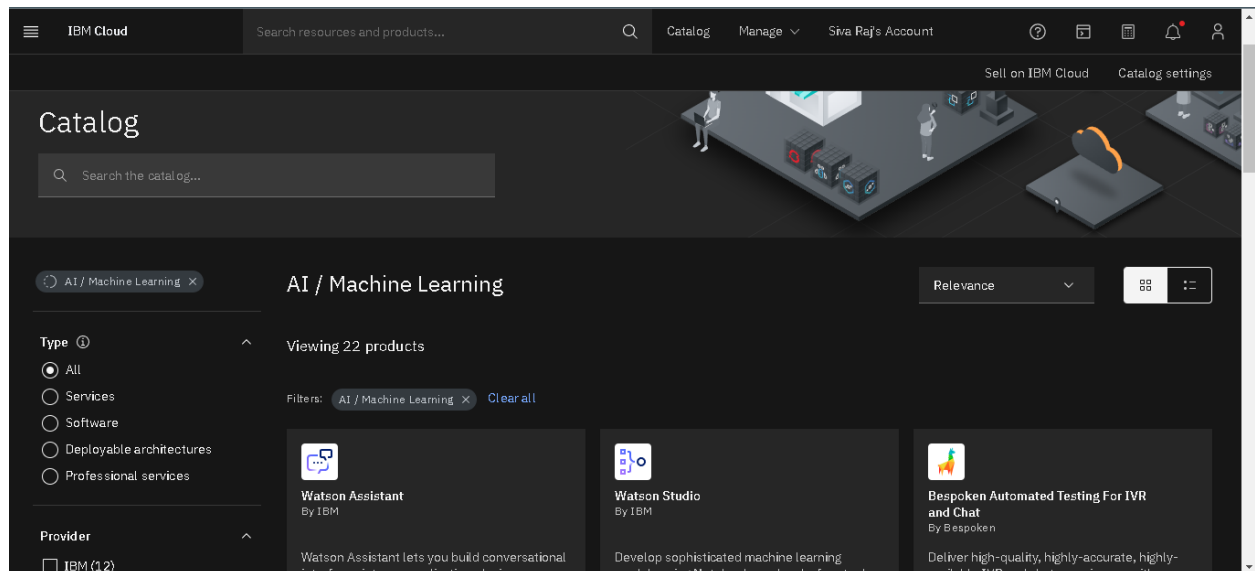


## Find Watson assistant

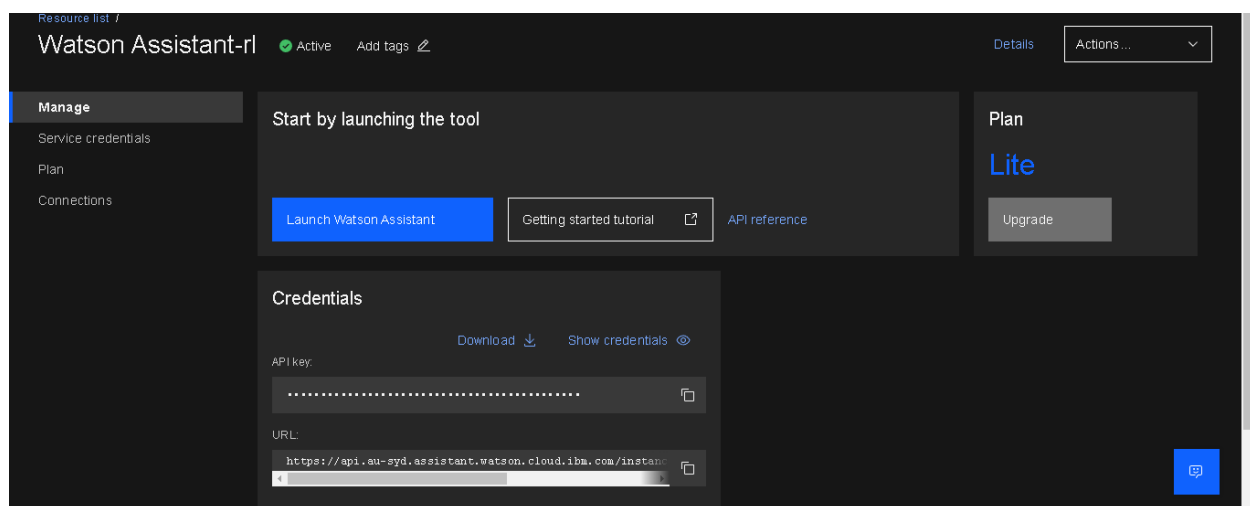
Click catalog in IBM cloud dashboard.



Select AI/Machine learning and then you can see Watson assistant.



click Watson assistant choose location and plan. after choosing the plan view resource list in dashboard and launch Watson assistant.



## **Build a chatbot**

"In this project, we are planning to create a movie ticket booking chatbot named **Sylvie**, and here are some of its features:"

**1.Movie Listings and Showtimes:** Provide users with a comprehensive list of movies, including details such as showtimes and movies screening at nearby locations.

**2.Seat Selection:** Enable users to choose their preferred seats from an interactive seating layout, allowing them to visualize the seating arrangement in the theatre.

**3.Booking Management:** Allow users to review and manage their bookings, including the ability to reschedule their dates.

**4.Receive Tickets via WhatsApp:** Provide the option for users to receive their tickets by entering their mobile number for delivery via WhatsApp.

**5.Payment Integration:** Facilitate secure and seamless payment transactions by integrating various payment options and send payment confirmation via SMS.

# Create a chatbot

After launching Watson assistant set up your chatbot assistant.

Create a new assistant

Assistant name

Sylvie

Your assistant name will be kept internally and not visible to your customers

Description (optional)

39/128

I'm here to help you book movie tickets

Assistant language

English (US)

This is the language your assistant will speak.

Cancel

Create assistant

## Setup action

Train your assistant by creating actions.

IBM watsonx Assistant

Life

Upgrade

Sylvie

Learning resources

Actions

All items

Created by you

Set by assistant

Variables

Created by you

Set by assistant

Set by integration

Saved responses

Created by you

Filter by name

	Name	Last edited	Examples count	Steps count	Status
<input type="checkbox"/>	<a href="#">I want to book movie tickets</a>	a day ago	3	9	<span>✓</span>

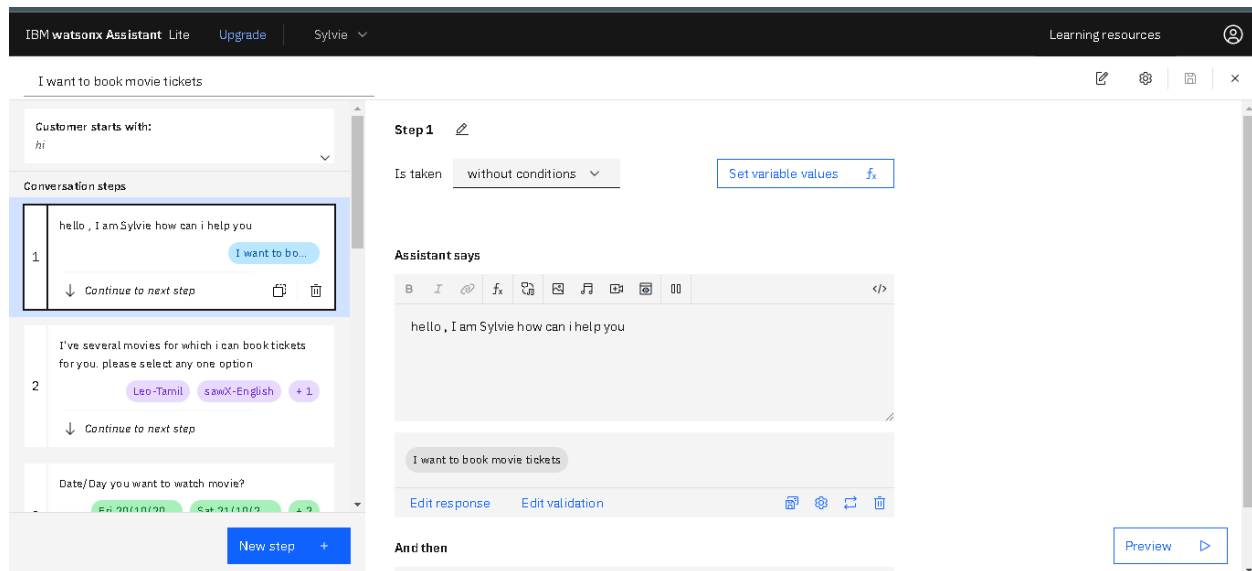
Items per page: 50

Showing 1–1 of 1 items

1

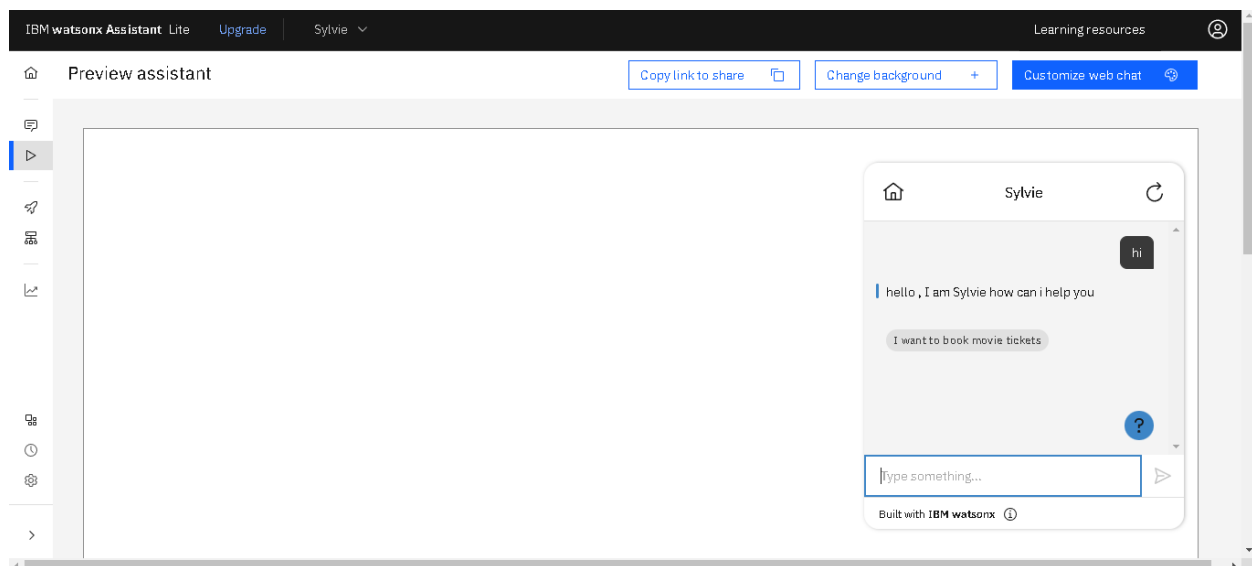
1 of 1 pages

Preview



## Preview

After completing feed actions to your chatbot use preview option for viewing our chatbot.



Preview link for our chatbot : [Click here](#)

## Screen shots:

