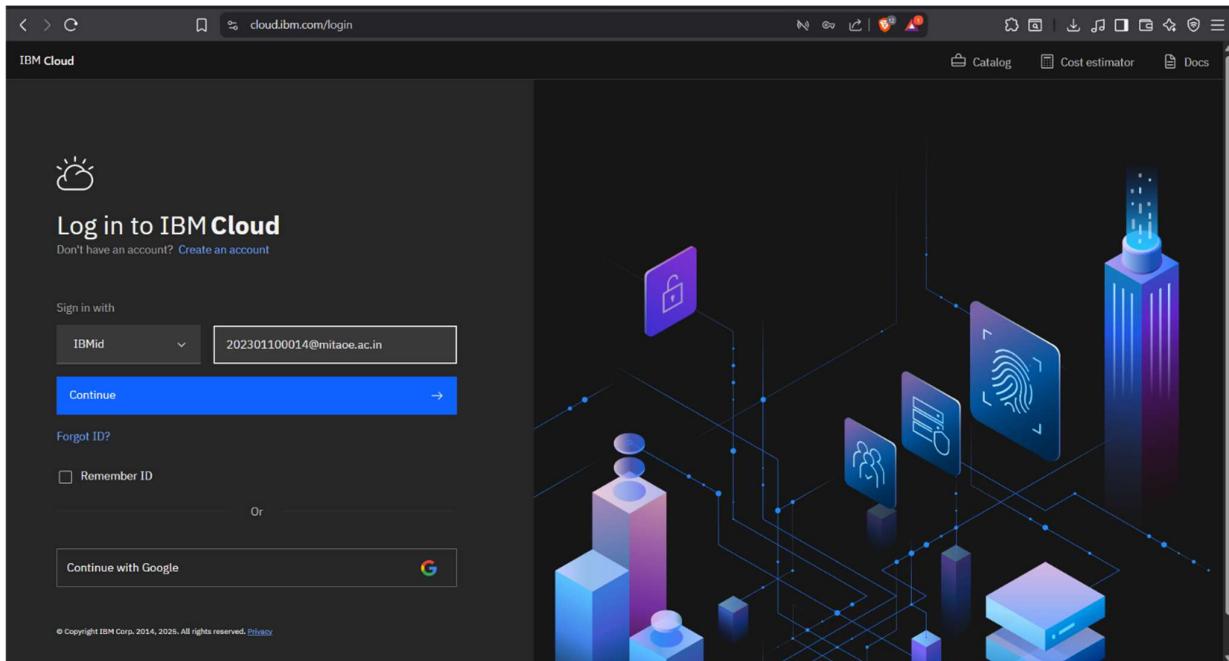
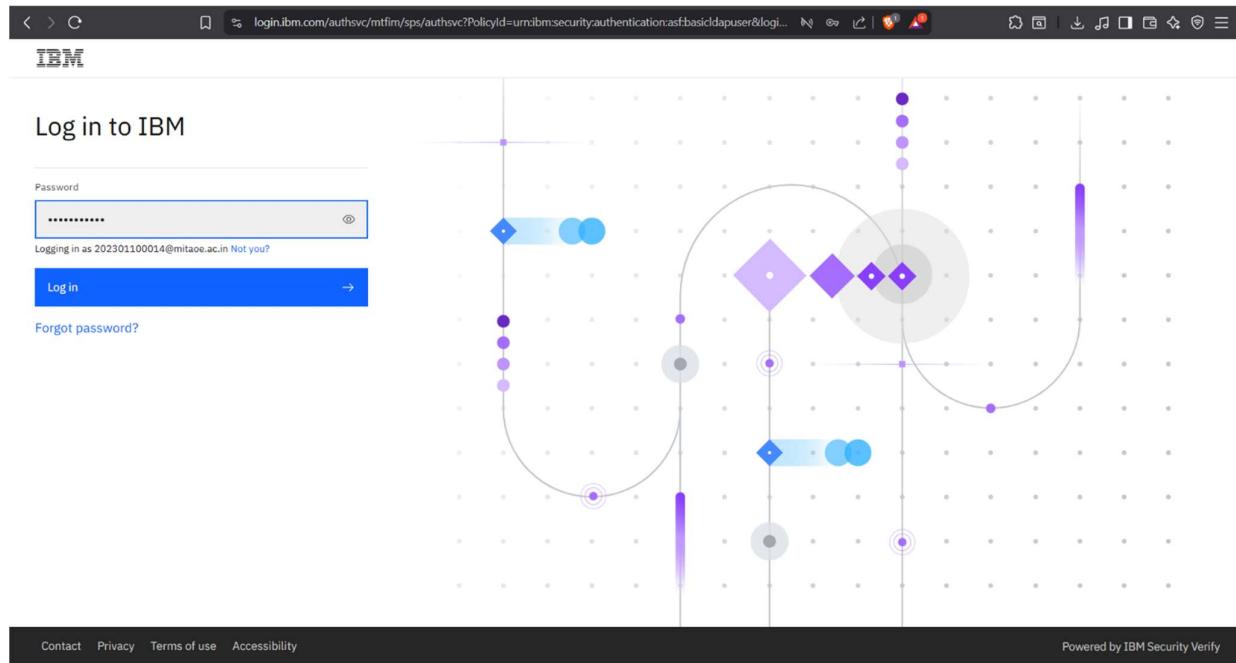


# Agentic AI on IBM Cloud

**Step1:** Open IBM Cloud login page using the link [cloud.ibm.com](https://cloud.ibm.com/login), enter your Gmail and click on Continue.



**Step2:** Enter your password click on login.



### Step3: IBM Cloud Dashboard.

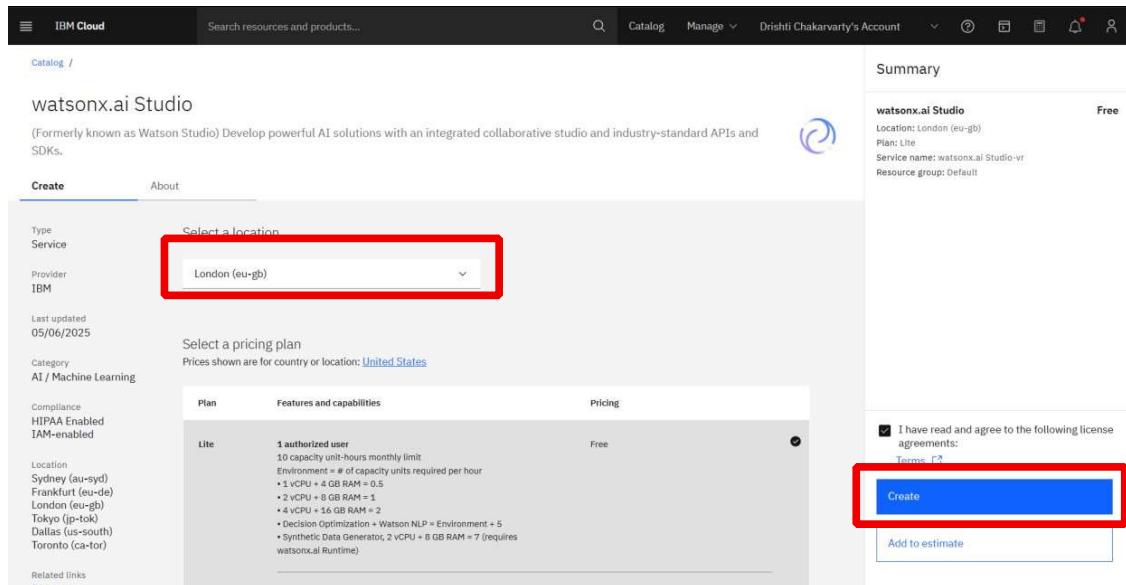
The screenshot shows the IBM Cloud Dashboard. At the top, there's a search bar and a navigation bar with 'IBM Cloud', 'Catalog', 'Manage', and 'PRANAY KARMANKAR's Account'. Below the search bar, there's a 'Dashboard' section with a 'For you' sidebar containing a 'Build' card and several other service cards: 'Track emissions with Carbon Calculator', 'Use Watson Assistant', 'Use Watson Studio', 'Db2', and 'View APIs and SDKs'. Below this, there are four main status cards: 'IBM Cloud status' (world map), 'Recent support cases' (stack of documents), 'Planned maintenance' (calendar icon), and 'Total emissions' (bar chart). A sidebar on the left provides navigation links for different sections like 'Compute', 'Storage', 'Networking', etc.

Step-4 Now click on the Search bar and write “Watsonx.ai Studio”.

The screenshot shows the IBM Cloud Dashboard with a search bar at the top containing the text 'watsonx'. Below the search bar, the 'Resource Results' and 'Catalog Results' sections are displayed. In the 'Resource Results' section, the 'watsonx.ai Studio' entry is highlighted with a red box. This entry is also present in the 'Catalog Results' section. The rest of the dashboard interface is visible, including the 'Dashboard' sidebar, the main content area with service cards, and the bottom status cards.

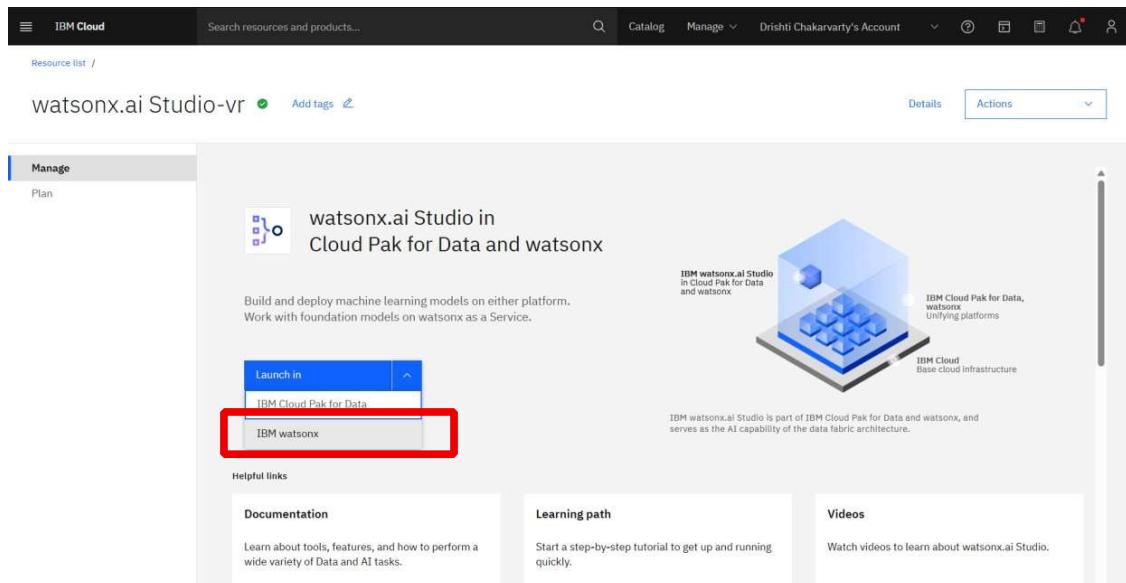
## Step-

5 Now select the Region as London and then click on Create.



The screenshot shows the IBM Cloud Catalog interface. On the left, there's a sidebar with 'watsonx.ai Studio' details: formerly known as Watson Studio, it's for AI solutions with APIs and SDKs. The main area has tabs for 'Create' and 'About'. Under 'Create', there's a 'Select a location' dropdown with 'London (eu-gb)' selected, which is highlighted with a red box. Below it, there's a 'Select a pricing plan' section with 'Prices shown for country or location: United States'. A table shows the 'Lite' plan with its features and a 'Free' price. To the right, there's a 'Summary' panel for the 'watsonx.ai Studio' service, showing it's located in London (eu-gb), has a 'Plan: Lite', and a 'Service name: watsonx.ai Studio-vr'. The 'Create' button at the bottom right is also highlighted with a red box.

Step-6 Now click on the Dropdown and then select IBM watsonx.



The screenshot shows the details page for the 'watsonx.ai Studio-vr' resource. At the top, there's a 'Manage' tab and a 'Plan' section. The main content area features a title 'watsonx.ai Studio in Cloud Pak for Data and watsonx' with a subtext about building and deploying machine learning models. Below this is a 'Launch in' dropdown menu, which is open and shows two options: 'IBM Cloud Pak for Data' and 'IBM watsonx', with 'IBM watsonx' highlighted with a red box. To the right, there's a diagram illustrating the architecture: 'IBM watsonx.ai Studio in Cloud Pak for Data and watsonx' sits atop 'IBM Cloud Pak for Data, watsonx Unifying platforms', which sits on top of 'IBM Cloud Base cloud Infrastructure'. There are also sections for 'Helpful links', 'Documentation', 'Learning path', and 'Videos'.

## Step-

7 You will be redirected to this interface.

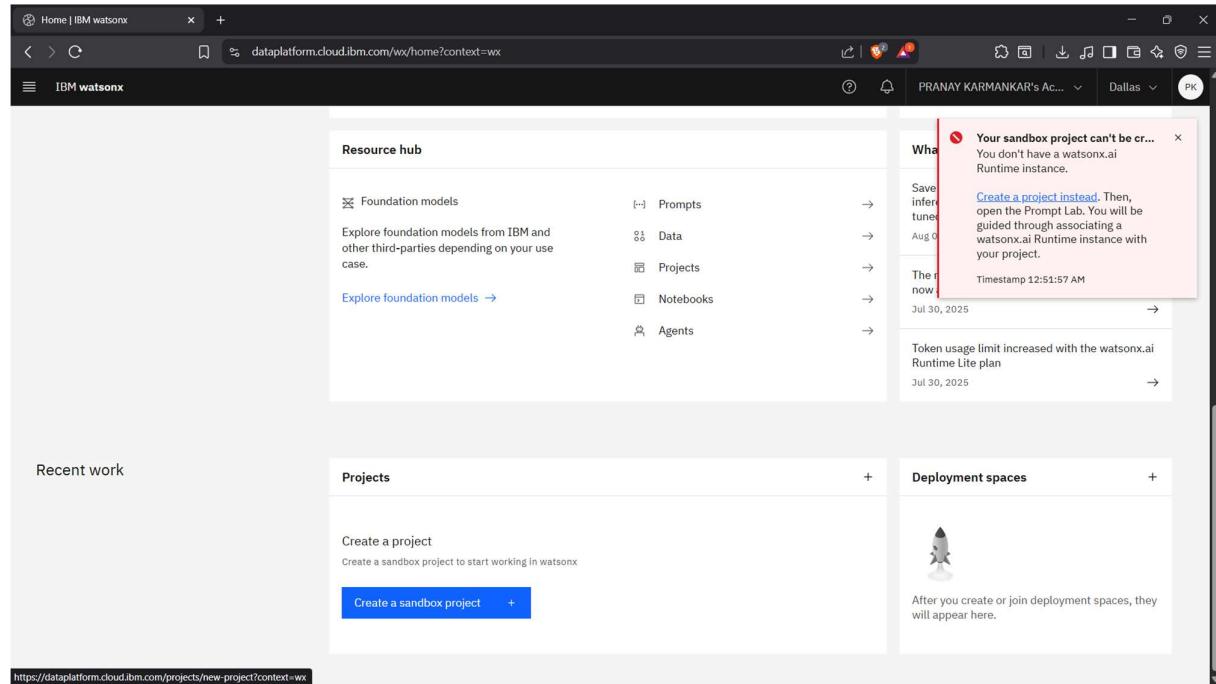
The screenshot shows the IBM Watsonx home interface. At the top, it says "Welcome back, PRANAY". Below that, there's a section titled "Train, validate, tune and deploy AI models." with a "Customize my journey" button. To the right, there are three main options: "Chat and build prompts with foundation models" (with "Start chatting..." and "Open Prompt Lab" buttons), "Build an AI agent to automate tasks with Agent Lab" (with "B" icon), and "Tune a foundation model with labeled data with Tuning Studio". At the bottom, there are navigation links for "Jump back in", "Home / Deployments", "Spaces / Nutrition Buddy", "Projects / Nutrition Buddy", and "Nutrition Buddy / watsonx Agent". A "Discover" section is also visible at the bottom.

Step-8 Scroll little bit up and then click on Create a Sandbox Project.

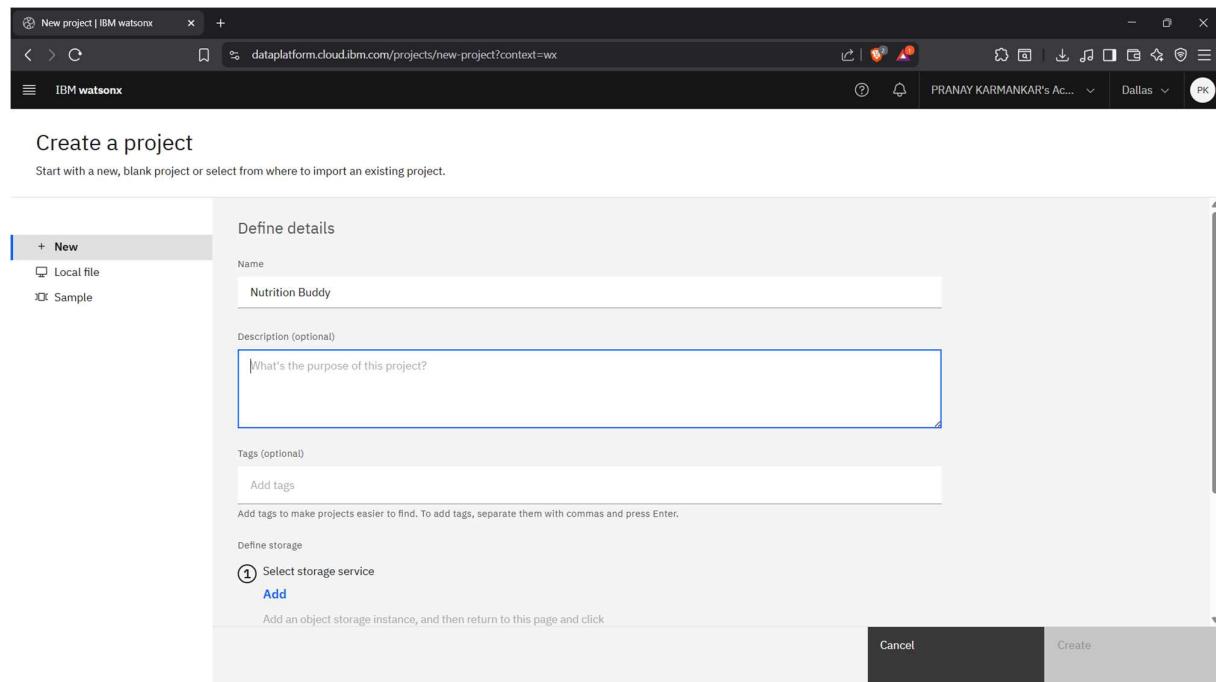
The screenshot shows the IBM Watsonx Resource hub. It features a "Resource hub" sidebar with sections for "Foundation models", "Prompts", "Data", "Projects", "Notebooks", and "Agents". To the right, there's a "What's new" section with three items: "Save resources by training, deploying, and inferencing foundation models that are fine tuned with the low-rank adaptation technique" (Aug 01, 2025), "The mistral-medium-2505 foundation model is now available in the Frankfurt region" (Jul 30, 2025), and "Token usage limit increased with the watsonx.ai Runtime Lite plan" (Jul 30, 2025). Below the hub, there's a "Recent work" section, a "Projects" section with a "Create a project" button (which has a red box around it), and a "Deployment spaces" section with a rocket icon. The URL in the browser is "dataplatform.cloud.ibm.com/wx/home?context=wx".

## Step-

9 Now click on Create a Project instead.



Step-10 Now give the name to your project and then click on Add to add the storage.



## Step-

**11 Now create the Cloud Object Storage, make sure to select the lite plan and then click on Create.**

The screenshot shows the IBM WatsonX interface for creating a Cloud Object Storage service. On the left, there's a 'Pricing plan' section with a table comparing three plans: One-Rate, Lite(deprecated), and Standard. The 'Lite(deprecated)' plan is highlighted with a red box. It describes a free plan for up to 25 GB per month, with a note that it's used for trial and can be upgraded. The 'Features' column indicates 'None' for this plan. The 'Pricing' column shows 'Free'. To the right of the table is a 'Summary' section for the 'Cloud Object Storage' service, showing details like Region: Global, Plan: Lite(deprecated), Service name: Cloud Object Storage-yv, and Resource group: Default. At the bottom right of the summary section is a large blue 'Create' button, which is also highlighted with a red box.

Plan	Features	Pricing
One-Rate	One-Rate Plan is a Pay-as-You-Go option with a single, flat monthly rate (\$/GB) that includes storage, API operations, retrieval, and outbound bandwidth—making it ideal for high-activity workloads with frequent access and data transfer, such as analytics, media, and web apps. The plan includes built-in allowances that scale with stored capacity and offers automatic volume discounts as usage grows	
Lite(deprecated)	Lite plan instance is free to use for Storage capacity up to 25 GB per month. Lite plan instance is used for trial, and can be easily upgraded to Standard plan for unlimited scalability and full functionality. None Lite plan services are deleted after 30 days of inactivity.	Free
Standard	Standard Plan is a flexible Pay-as-You-Go option with no minimum fee—ideal for workloads with large storage needs but low or infrequent access and outbound traffic. It includes a Free Tier with 5GB of Smart Tier storage for 12 months. Charges are based on actual usage, with separate billing for storage, outbound bandwidth, API operations, and data retrieval. Multiple storage classes help you optimize	

## Step-

**Step-12 Now click on Refresh.**

IBM WatsonX

Create a project

Start with a new, blank project or select from where to import an existing project.

+ New

Local file

Sample

Tags (optional)

Add tags

Add tags to make projects easier to find. To add tags, separate them with commas and press Enter.

Define storage

① Select storage service

Add

Add an object storage instance, and then return to this page and click

② Refresh

Project includes Integration with Cloud Object Storage for storing project assets.

Advanced settings

Cancel Create

**13**

Create a project

Start with a new, blank project or select from where to import an existing project.

IBM WatsonX

Agentic\_AI

Description (optional)

What's the purpose of this project?

Tags (optional)

Add tags

Add tags to make projects easier to find. To add tags, separate them with commas and press Enter.

Storage

Cloud Object Storage-jy

Project includes Integration with Cloud Object Storage for storing project assets.

Advanced settings

Cancel Create

**Now click on Create. Your project has been successfully created.**

## Step-

**Step-14 Now click on Manage.**

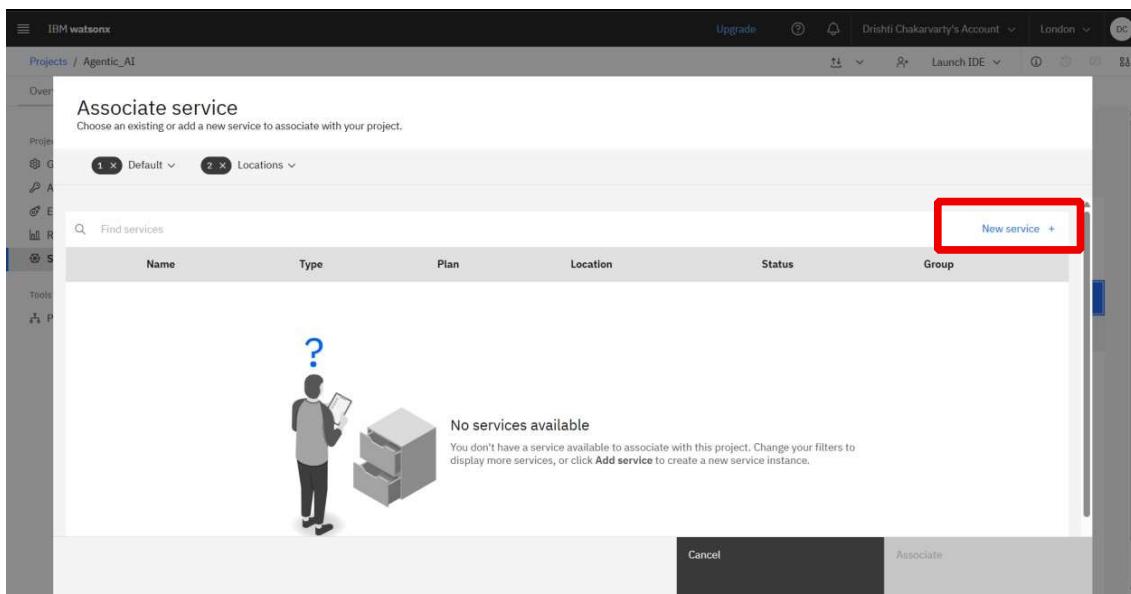
The screenshot shows the IBM Watsonx interface for a project named 'Agentic\_AI'. The top navigation bar includes 'Upgrade', account information ('Drishti Chakarvary's Account'), location ('London'), and various icons. Below the bar, there are tabs for 'Overview', 'Assets', 'Jobs', and 'Manage', with 'Manage' highlighted by a red box. A main section titled 'Start working' contains four cards: 'Add users as collaborators', 'Add data to work with', 'Chat and build prompts with foundation models', and 'Tune a foundation model with labeled data'. Below this is a 'Jump back in' section with a 'View all' button, 'Resource usage' metrics (0 CUH, 0 Tokens, 0 Hosting hours), and a 'Project history' section showing a recent creation of the project. A 'Collapse' button is located at the bottom right of this section.

**15 Click on Services & Integrations and then click on Associate Service.**

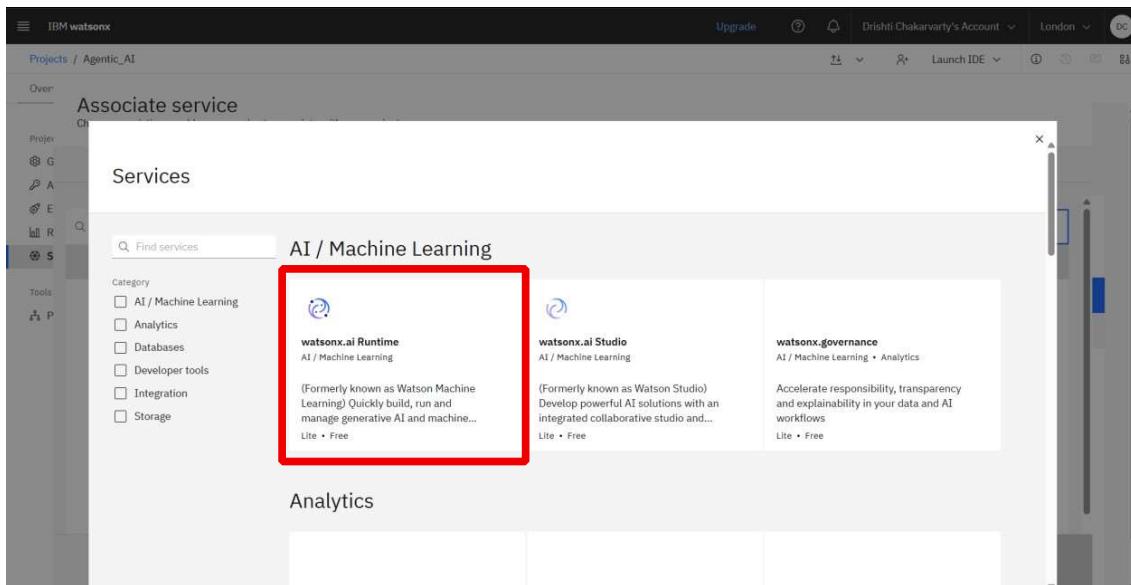
The screenshot shows the 'Services & Integrations' page within the same project. The left sidebar has sections for 'Project', 'General', 'Access control', 'Environments', 'Tools', and 'Pipeline', with 'Services & integrations' highlighted by a blue box. The main area is titled 'Services & integrations' and shows tabs for 'IBM services' (selected) and 'Third-party integrations'. A sub-section for 'Associate IBM Cloud services with this project to add tools, compute environments, or other capabilities.' is visible. On the right, there is a search bar ('Find services') and a 'Service type' dropdown. A prominent blue button labeled 'Associate service +' is highlighted with a red box. Below the search bar, there is a message stating 'No services' and 'Click Associate service or ask a project Admin to associate one.'

## Step-

### Step-16 Now click on New Service.

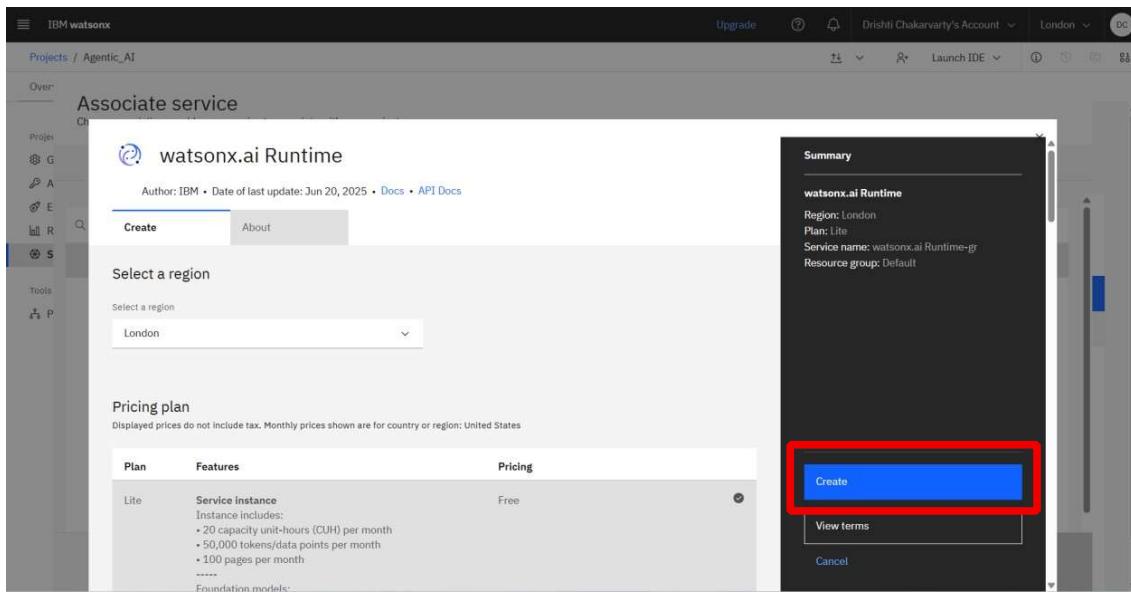


### 17 Now select the watsonx.ai Runtime.

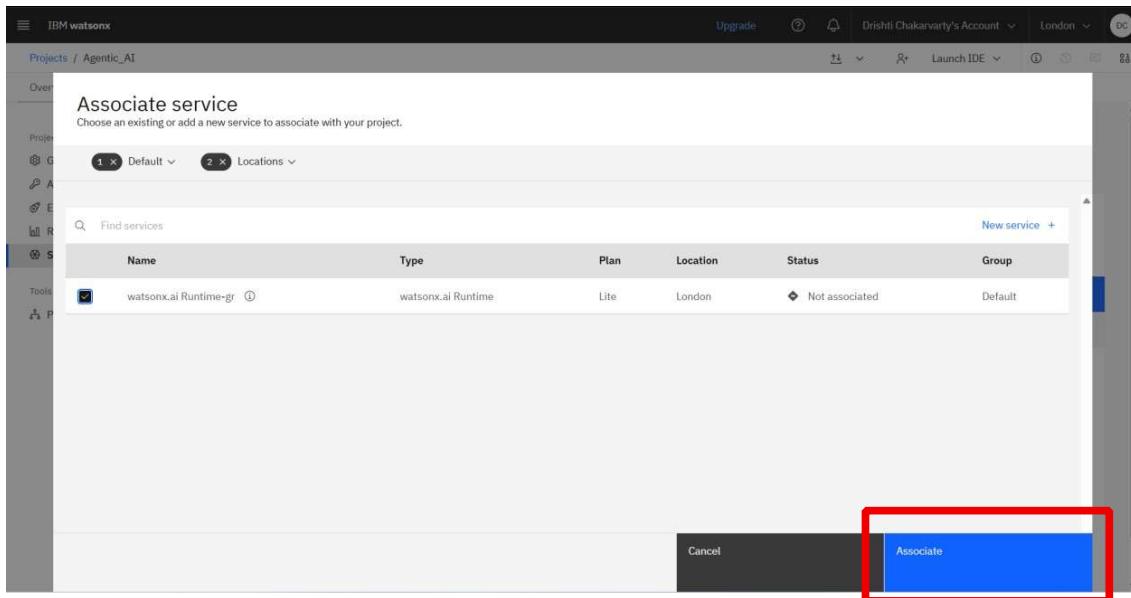


## Step-

### Step-18 Click on Create.

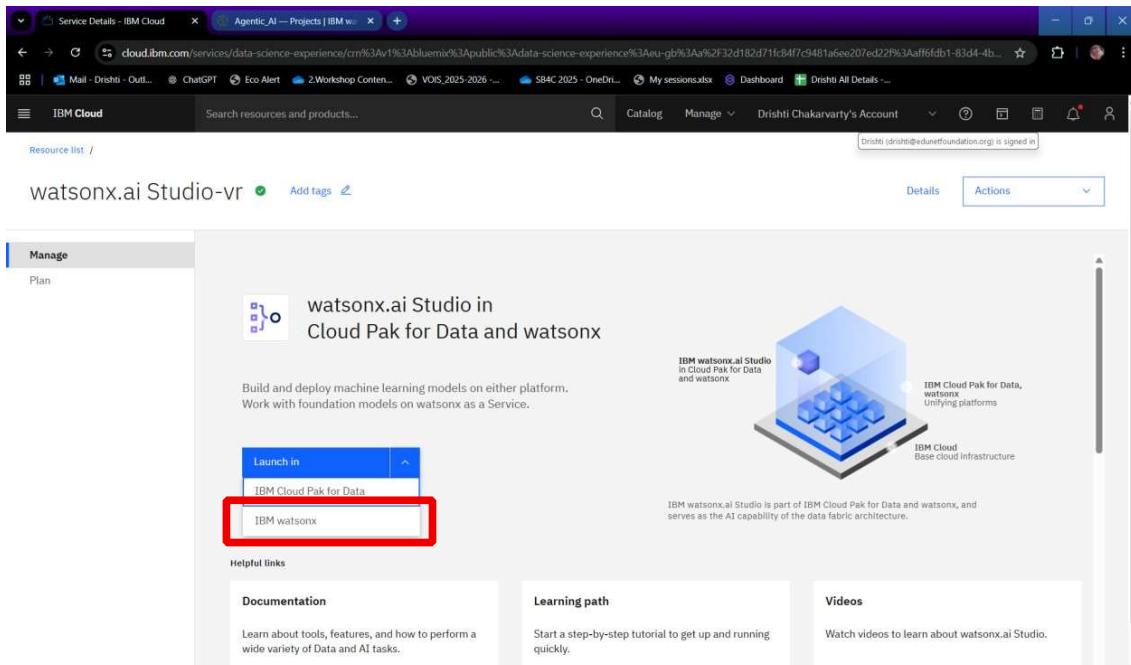


### 19 Select the created Runtime service and then click on Associate.



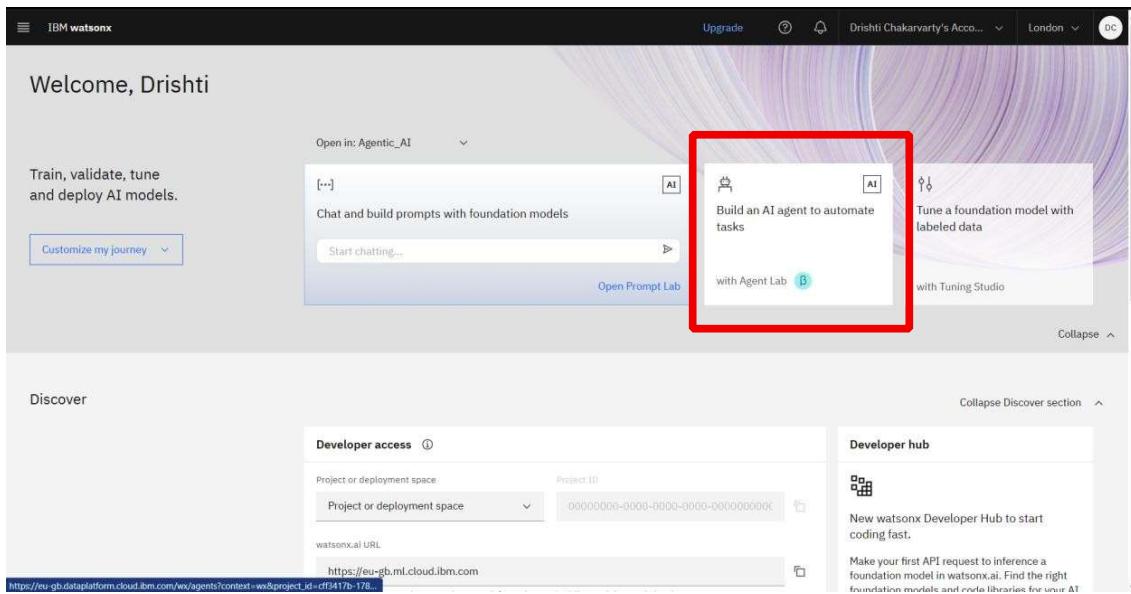
### Step-20 Now again go back to the previous tab and again click on IBM watsonx.

## Step-



The screenshot shows the IBM Cloud Service Details page for 'watsonx.ai Studio-vr'. The 'Manage' tab is selected. A callout box highlights the 'Launch in' dropdown menu, which lists 'IBM Cloud Pak for Data' and 'IBM watsonx'. The 'IBM watsonx' option is selected and highlighted with a red box.

21 Now click on Build AI agent to automate tasks.



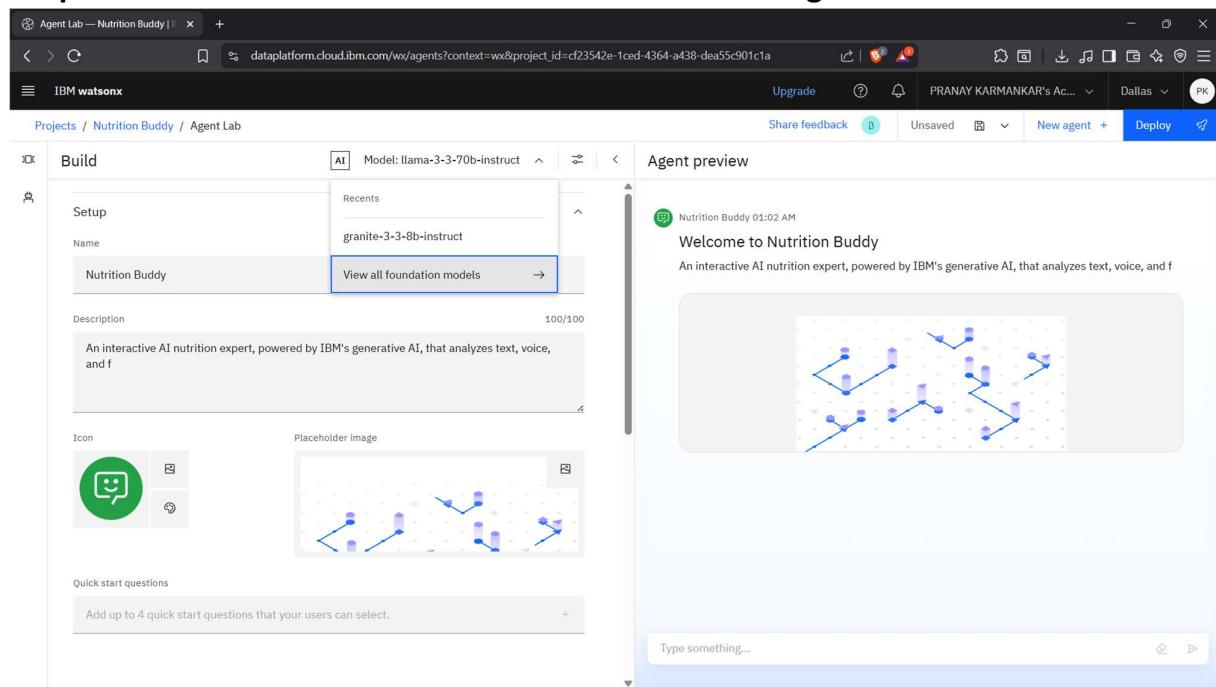
The screenshot shows the IBM Watsonx AI Agent builder interface. The main area displays a 'Discover' section with developer access details and a developer hub. A prominent red box highlights the 'Build an AI agent to automate tasks' button, which is part of a larger panel for building AI agents.

Step-22 This is Watsonx Agent , now change the model here

## Step-

The screenshot shows the IBM WatsonX Agent Lab interface. On the left, the 'Build' tab is selected under the 'Setup' section. It includes fields for 'Name' (Nutrition Buddy), 'Description' (An interactive AI nutrition expert, powered by IBM's generative AI, that analyzes text, voice, and f), 'Icon' (a green smiley face icon), and 'Placeholder image' (a grid of blue and purple shapes). Below these are 'Quick start questions' and a placeholder for adding up to 4 quick start questions. On the right, the 'Agent preview' section shows a message from 'Nutrition Buddy 01:02 AM': 'Welcome to Nutrition Buddy. An interactive AI nutrition expert, powered by IBM's generative AI, that analyzes text, voice, and f'. Below the message is a placeholder image and a text input field with the placeholder 'Type something...'. The top navigation bar shows the URL 'dataplatform.cloud.ibm.com/wx/agents?context=vx&project\_id=cf23542e-1ced-4364-a438-dea55c901ca', user information 'PRANAY KARMANKAR's Ac...', and a 'Deploy' button.

**Step-23 Click on “ View all foundation models” to change the model.**



**Step-24 Now select Granite model .**

Select a foundation model

To choose a model, review characteristics such as tasks that models perform. Compare model benchmarks with scores in the range 0–100. Higher scores are better.

All models Model benchmarks

Agents

Want to bring your own model?

Model	Provider	Type
granite-3-3-8b-instruct	IBM	Provided mo...
llama-3-2-11b-vision-in...	Meta	Provided mo...
llama-3-2-90b-vision-in...	Meta	Provided mo...
llama-3-3-70b-instruct	Meta	Provided mo...
mistral-large	Mistral AI	Provided mo...

granite-3-3-8b-instruct

Provider: IBM | Version: 3.3 | Type: Provided model

Question answering Summarization Retrieval-Augmented Generation... Classification Generation Code generation and conversion Extraction Translation Function calling

Note: By using the model you agree to these terms. [Read terms](#)

**Granite-3.3-8B-Instruct**

**Model Summary:** Granite-3.3-8B-Instruct is a 8-billion parameter 128K context length language model fine-tuned for improved reasoning and instruction-following capabilities. Built on top of Granite-3.3-8B-Base, the model delivers significant gains on benchmarks for measuring generic performance including AlpacaEval-2.0 and Arena-Hard, and improvements in mathematics, coding, and instruction following. It also supports Fill-in-the-Middle (FiM) for code completion tasks and structured reasoning through <think></think> and <response></response> tags, providing clear separation between internal thoughts and final outputs. The model has been trained on a carefully balanced combination of permissively licensed data and curated synthetic tasks.

- Developers: Granite Team, IBM
- Website: [Granite Docs](#)
- Release Date: April 16th, 2025
- License: [Apache 2.0](#)

**Supported Languages:** English, German, Spanish, French, Japanese, Portuguese, Arabic, Czech, Italian, Korean, Dutch, and Chinese. However, users may finetune this Granite model for languages beyond these 12 languages.

Back Select model

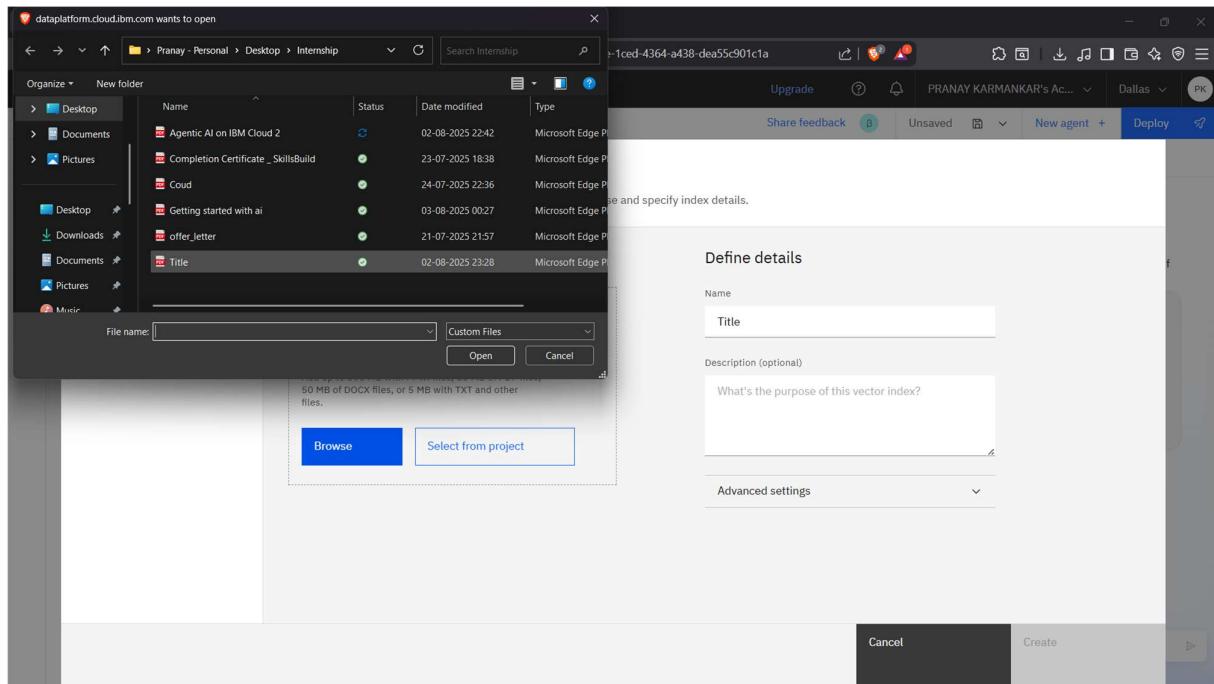
**Step-25 Now click on Select model .**

**Step-26 Click on the knowledge and then click on New vector index.**

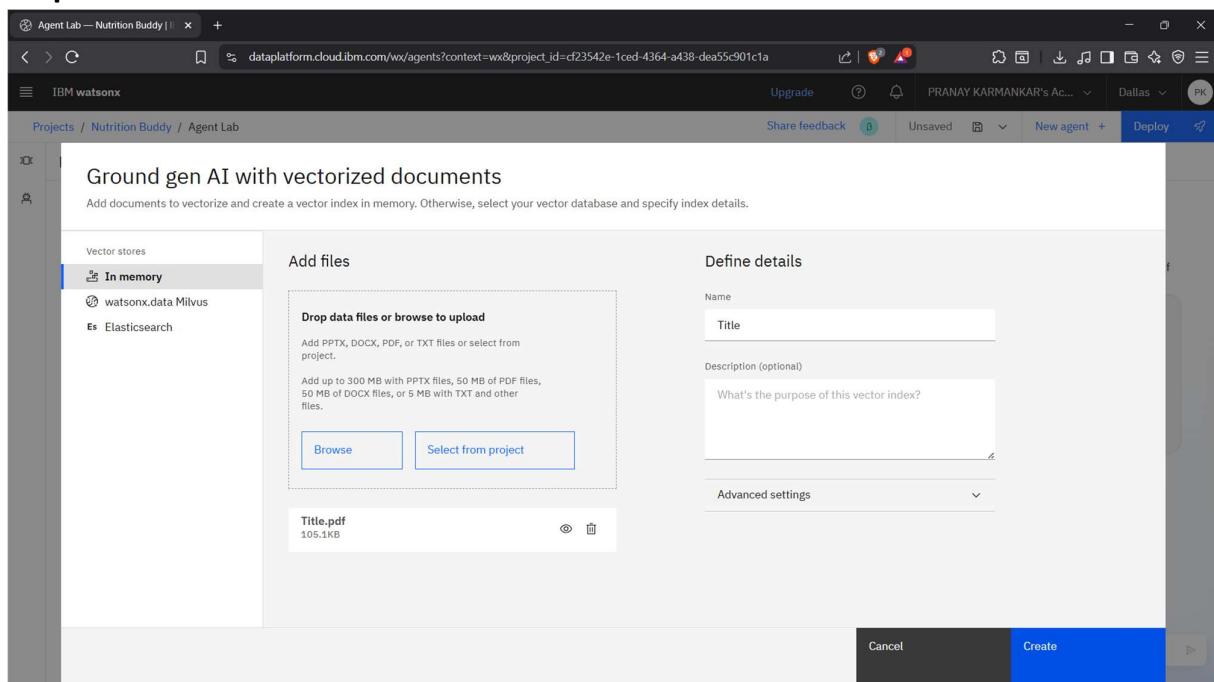
The screenshot shows the IBM WatsonX Agent Lab interface. On the left, there's a sidebar with 'Build' settings like 'Framework: LangGraph' and 'Architecture: React'. Under 'Knowledge', there's a 'Vector index' section with a dropdown set to 'Select or create vector index'. Below it, a button labeled 'New vector index' is highlighted with a red box. At the bottom of this section are buttons for 'Add a tool' and 'Create custom tool'. To the right, there's an 'Agent preview' window titled 'Research Agent 05:28 PM' showing a magnifying glass icon over a network graph. The top navigation bar includes 'Upgrade', 'Share feedback', 'Unsaved', 'New agent +', and 'Deploy'.

**Step-27 Now click on Browse.**

This screenshot shows the 'Ground gen AI with vectorized documents' page. On the left, there's a sidebar with 'Vector stores' options: 'In memory' (selected), 'watsonx.data Milvus', and 'Elasticsearch'. The main area has a 'Drop data files or browse to upload' section with a 'Browse' button highlighted by a red box. To the right, there's a 'Define details' section for creating a vector index, including fields for 'Name' and 'Description (optional)'. At the bottom are 'Cancel' and 'Create' buttons.



## Step-29 Now click on Create.



## Step-30 Now you can ask questions related to your document.

The screenshot shows the IBM Watson Agent Lab interface. On the left, the 'Build' tab is selected, displaying configuration options like 'Setup', 'Configuration', 'Framework' (LangGraph), and 'Architecture' (React). In the center, the 'Agent preview' section shows three check-in messages: 'Morning Check-in', 'Midday Check-in', and 'Evening Check-in'. Each message includes a sample text and a 'Message' section. At the bottom right is a text input field with placeholder 'Type something...'. The top navigation bar includes links for 'Upgrade', 'Share feedback', 'Unsaved', 'New agent', 'Deploy', and location 'Dallas'.

## Step-31 Click on Add a tool.

This screenshot shows the 'Tools' section being edited. The 'Tools' tab is selected in the 'Build' sidebar. A blue button labeled 'Add a tool' is highlighted. Below it, there are two options: 'Create custom tool' and a list of added tools. The 'Added tools (2)' section contains 'Google search' and 'Document search - Title'. The 'Agent preview' section on the right remains the same as in the previous screenshot, showing the three check-in messages. The top navigation bar is identical to the first screenshot.

## Step-32 Enable the tools (Shown in picture)

Select a tool

Choose a tool to add to your agent.

Search for a tool

Google search Retrieve information from the internet with the Google search engine.	DuckDuckGo search Retrieve information from the internet with the DuckDuckGo search engine.	Wikipedia search Retrieve information from Wikipedia articles.	Document search Search documents with vector indexes.
Tavily search Retrieve information from the internet with the Tavily search engine.	Webcrawler Retrieve information from a website.	Python Interpreter Execute Python code generated by the agent.	Weather Retrieve the weather of a city.

## Step-33 Type here your question here. This is output

Build

LangGraph React

Instructions

Greeting: "Hi, I am watsonx.ai, your personal Nutrition Buddy. How can I help you achieve your health goals today?"

Clarification: "I'm not sure I understood that correctly. Could you please rephrase your question?"

Knowledge

Tools

Add a tool Create custom tool

Added tools (6)

Google search  
Retrieve information from the internet with the Google search engine.

DuckDuckGo search  
Retrieve information from the internet with the DuckDuckGo search engine.

Wikipedia search

Agent preview

You: 01:10 AM

Generate a list of 20 common Indian food items and their estimated Glycemic Index (Low, Medium, or High). Format it as a simple list.

Nutrition Buddy 01:10 AM

I'm sorry for the confusion, but as an AI, I don't have real-time access to databases or the ability to generate a list based on current nutritional data. However, I can provide a general list based on commonly known Indian food items and their typical glycemic index values. Please note that these values can vary based on preparation methods, ripeness, and other factors. Always refer to specific nutritional information for accuracy.

1. Basmati Rice - High  
2. Chapati (Whole Wheat Flatbread) - Medium  
3. Dal (Lentil Soup) - Low to Medium  
4. Idli (Steamed Rice Cakes) - Medium  
5. Sambar (Lentil-based Soup) - Medium  
6. Dosa (Thin Rice and Lentil Crepes) - Medium  
7. Paneer (Indian Cottage Cheese) - Low  
8. Rajma (Kidney Beans) - Medium  
9. Aloo Gobi (Potato and Cauliflower Curry) - Medium  
10. Chana Masala (Chickpea Curry) - Medium  
11. Vegetable Biryani - High

Type something...

### Step-34 Click on Save as icon .

The screenshot shows the IBM WatsonX Agent Lab interface. On the left, there's a 'Build' panel with several components listed: 'engine.', 'Wikipedia search', and 'DuckDuckGo search'. On the right, there's an 'Agent preview' section displaying a conversation with an AI agent named 'Edunet Foundation - YouTube'. At the top right of the interface, there's a toolbar with various icons. A red box highlights the 'Save as' button, which is located next to the 'Deploy' and 'New agent' buttons.

### Step-35 Save your work, choose Agent , click on save

The screenshot shows a 'Save your work' dialog box. On the left, under 'Asset type', the 'Agent' option is selected (indicated by a blue border). There are also two other options: 'Standard notebook' and 'Deployment notebook'. On the right, under 'Define details', there are fields for 'Name' (set to 'Nutrition Buddy') and 'Description (optional)' (containing the text 'An interactive AI nutrition expert, powered by IBM's generative AI, that analyzes text, voice, and f'). At the bottom right of the dialog box, there are 'Cancel' and 'Save' buttons, with 'Save' being highlighted in blue.

### Step-36 Your saved agents are available here

Nutrition Buddy — Nutrition Buddy

IBM watsonx

Projects / Nutrition Buddy / Nutrition Buddy

Build AI Model: granite-3-3-8b-instruct

Agent preview

Share feedback Upgrade ? PRANAY KARMANKAR's Ac... Dallas PK

Autosave on New agent + Deploy

Saved agents

From Nutrition Buddy

**Nutrition Buddy**

An interactive AI nutrition expert, powered by IBM's ...

Setup Configuration

Framework Architecture

LangGraph React

Instructions Advanced configuration

Greeting: "Hi, I am watsonx.ai, your personal Nutrition Buddy. How can I help you achieve your health goals today?"

Clarification: "I'm not sure I understand that correctly. Could you please rephrase your request?"

Knowledge Tools

Add a tool Create custom tool

Added tools (6)

Google search

Type something...

[https://dataplatform.cloud.ibm.com/wx/agents/9d059a6f-fe7c-40b0-b96d-30b52267bbe?project\\_id=cf23542e-1ced-4364-a438-dea55c901c1a&context=wxa](https://dataplatform.cloud.ibm.com/wx/agents/9d059a6f-fe7c-40b0-b96d-30b52267bbe?project_id=cf23542e-1ced-4364-a438-dea55c901c1a&context=wxa)

This screenshot shows the IBM WatsonX platform interface. On the left, there's a sidebar titled 'Saved agents' with a section for 'From Nutrition Buddy' containing one entry: 'Nutrition Buddy' described as an 'interactive AI nutrition expert, powered by IBM's ...'. The main workspace is titled 'Build' and shows the 'AI Model: granite-3-3-8b-instruct'. On the right, the 'Agent preview' pane is open, displaying a welcome message from 'Nutrition Buddy' at 01:11 AM: 'Welcome to Nutrition Buddy. An interactive AI nutrition expert, powered by IBM's generative AI, that analyzes text, voice, and f'. Below the message is a small diagram of a neural network or flowchart. At the bottom of the preview pane is a text input field with placeholder 'Type something...'.

## Step-37 Here sample agents are available

Nutrition Buddy — Nutrition Buddy

IBM watsonx

Projects / Nutrition Buddy / Nutrition Buddy

Build AI Model: granite-3-3-8b-instruct

Agent preview

Share feedback Upgrade ? PRANAY KARMANKAR's Ac... Dallas PK

Autosave on New agent + Deploy

Saved agents

**Sous Chef**

Generating tasty recipe ideas based on the ingredients they have available.

Setup Configuration

Framework Architecture

LangGraph React

Instructions Advanced configuration

Greeting: "Hi, I am watsonx.ai, your personal Nutrition Buddy. How can I help you achieve your health goals today?"

Clarification: "I'm not sure I understand that correctly. Could you please rephrase your request?"

Knowledge Tools

Add a tool Create custom tool

Added tools (6)

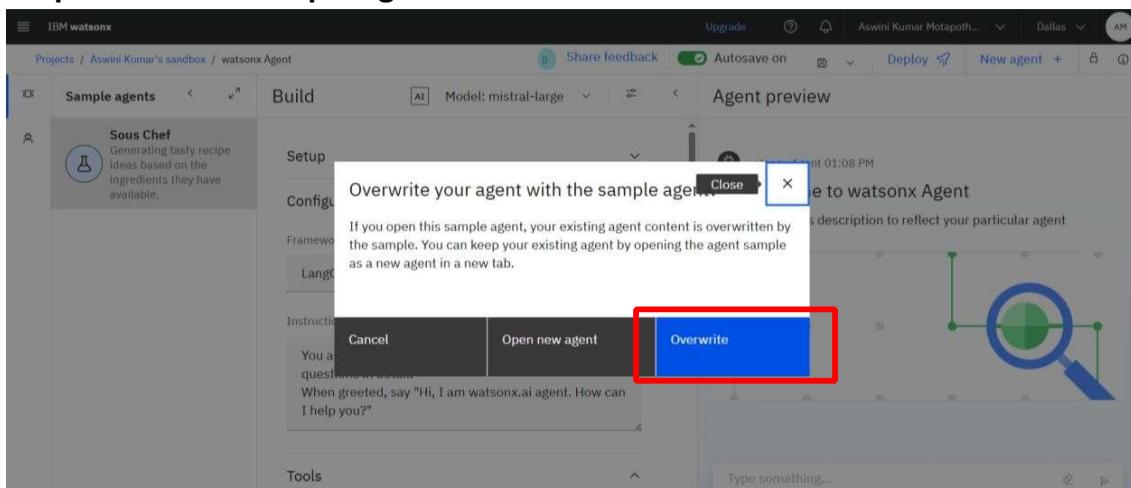
Google search

Type something...

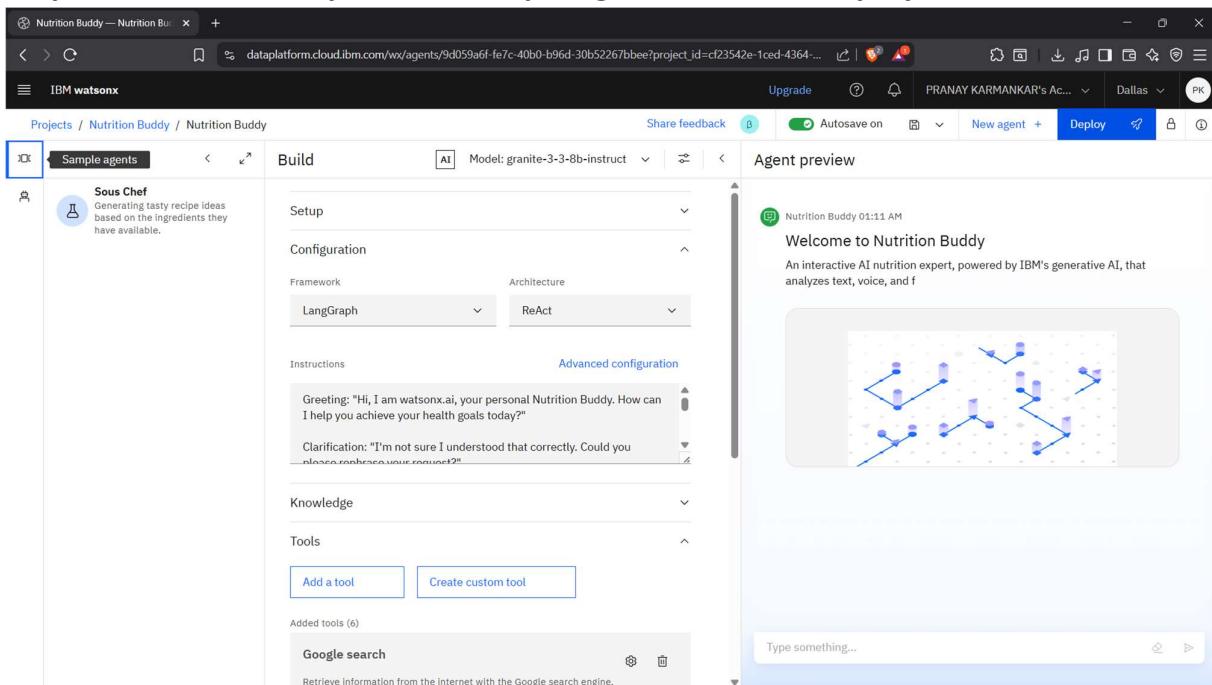
[https://dataplatform.cloud.ibm.com/wx/agents/9d059a6f-fe7c-40b0-b96d-30b52267bbe?project\\_id=cf23542e-1ced-4364-a438-dea55c901c1a&context=wxa](https://dataplatform.cloud.ibm.com/wx/agents/9d059a6f-fe7c-40b0-b96d-30b52267bbe?project_id=cf23542e-1ced-4364-a438-dea55c901c1a&context=wxa)

This screenshot shows the same IBM WatsonX interface as the previous one, but it displays the 'Sous Chef' sample agent instead. The 'Sample agents' section in the sidebar lists 'Sous Chef' with the description 'Generating tasty recipe ideas based on the ingredients they have available.'. The main workspace and agent preview pane are identical to the first screenshot, showing the 'Nutrition Buddy' agent's welcome message and neural network diagram.

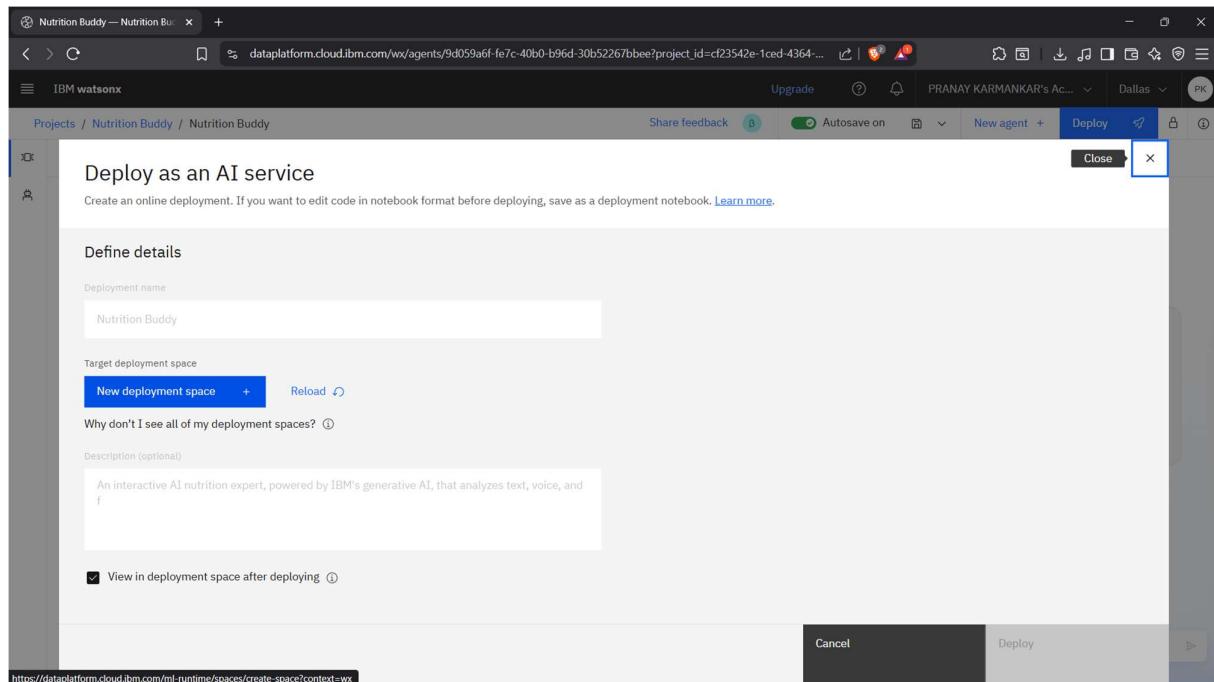
### Step-38 Click on sample agents and click on overwrite



### Step-39 This is the output from sample agent & click on Deploy.



### Step-40 Now click on New Deployment Space.



**Note: If you are unable to create the new deployment space then delete the previous deployment space using the following steps**

1. Go to the previous tab and then click on IBM watsonx.

watsonx.ai Studio-gr Add tags

**Manage**

**watsonx.ai Studio in Cloud Pak for Data and watsonx**

Build and deploy machine learning models on either platform. Work with foundation models on watsonx as a Service.

**Launch in**

- IBM Cloud Pak for Data
- IBM WatsonX**

**Helpful links**

- Documentation**: Learn about tools, features, and how to perform a wide variety of Data and AI tasks.
- Learning path**: Start a step-by-step tutorial to get up and running quickly.
- Videos**: Watch videos to learn about watsonx.ai Studio.

<https://cloud.ibm.com>

**2. Click on the Hamburger on the left hand side and then click on View all deployment spaces.**

The screenshot shows the IBM WatsonX interface. On the left, there is a dark sidebar with a white header 'IBM WatsonX' and a 'Filter navigation' dropdown. Below the header, the sidebar contains several sections: Home, Data, Projects, Deployment spaces (which is currently selected and highlighted with a red box), AI service apps, Resource hub, Administration, and Support. At the bottom of the sidebar is an 'IBM Cloud' section. The main content area features a large purple background image with various AI-related icons and text snippets. In the center, there's a 'Discover' section with a 'Chat and build prompts with foundation models' card, a 'Build an AI agent to automate tasks' card with 'Agent Lab' and 'Tuning Studio' options, and a 'Tune a foundation model with labeled data' card with 'with Tuning Studio'. Below this is a 'Developer access' section with fields for 'Project or deployment space' (set to 'watsonx.ai URL') and 'Project ID' (a placeholder value). To the right is a 'Developer hub' section with a 'New watsonx Developer Hub to start coding fast.' button and a note about making the first API request. At the bottom right of the main content area is a 'Collapse Discover section' button.

**3. Click on the already created deployment space.**

The screenshot shows the 'Deployments' page in the IBM WatsonX interface. The top navigation bar includes 'IBM WatsonX', 'Upgrade', 'Drishti Chakarvary's Account', 'London', and a 'DC' icon. Below the navigation is a header 'Deployments' with '1 space' and a 'New deployment space' button. The main content area has tabs for 'Activity' and 'Spaces', with 'Spaces' being the active tab. A search bar at the top of the table says 'Which deployment space are you looking for?'. The table itself has columns: Name, Last modified, Your role, Collaborators, Tags, Type, Online deployments, and Jobs. A single row is visible, showing a deployment space named 'Hosting' (which is also highlighted with a red box). At the bottom of the table are pagination controls: 'Items per page: 20', '1–1 of 1 items', and '1 of 1 pages'.

**4. Click on Deployments and then delete the previously deployed agent.**

The screenshot shows the IBM WatsonX interface with the 'Deployment spaces /' path selected. The 'Deployments' tab is active. A single deployment entry is listed:

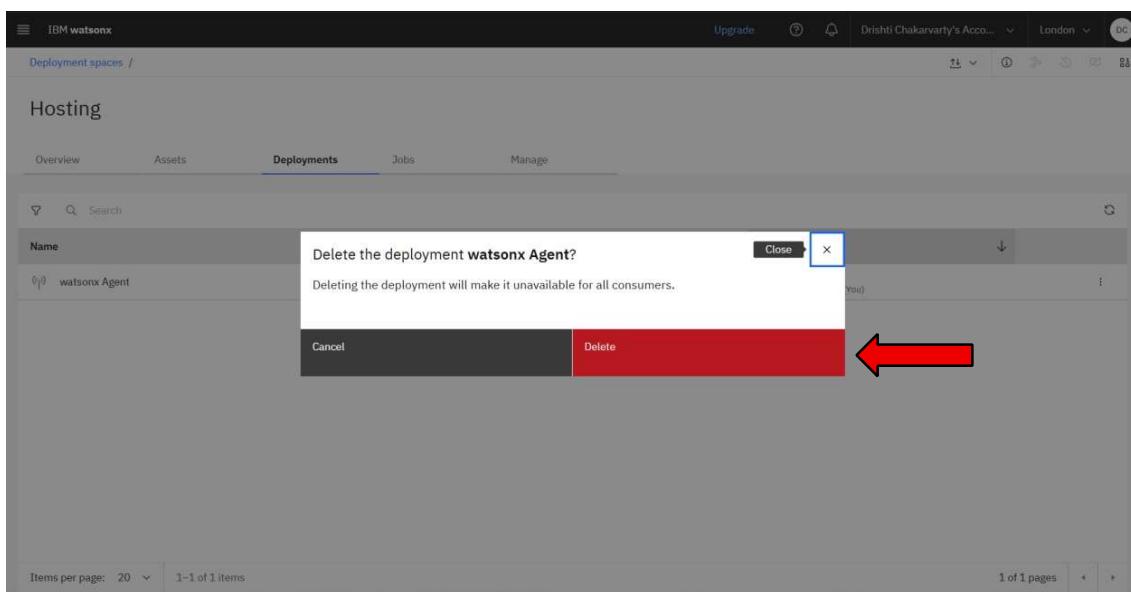
Name	Type	Status	Asset	Asset type	Tags	Last modified
watsonx Agent	Online	Deployed	watsonx Agent	Ai service	wx-agent	37 minutes ago Drishti Chakarvarthy (You)

At the bottom right of the table, a context menu is open over the last column, containing 'Edit' and 'Delete' options. A large red arrow points from the left towards this menu.

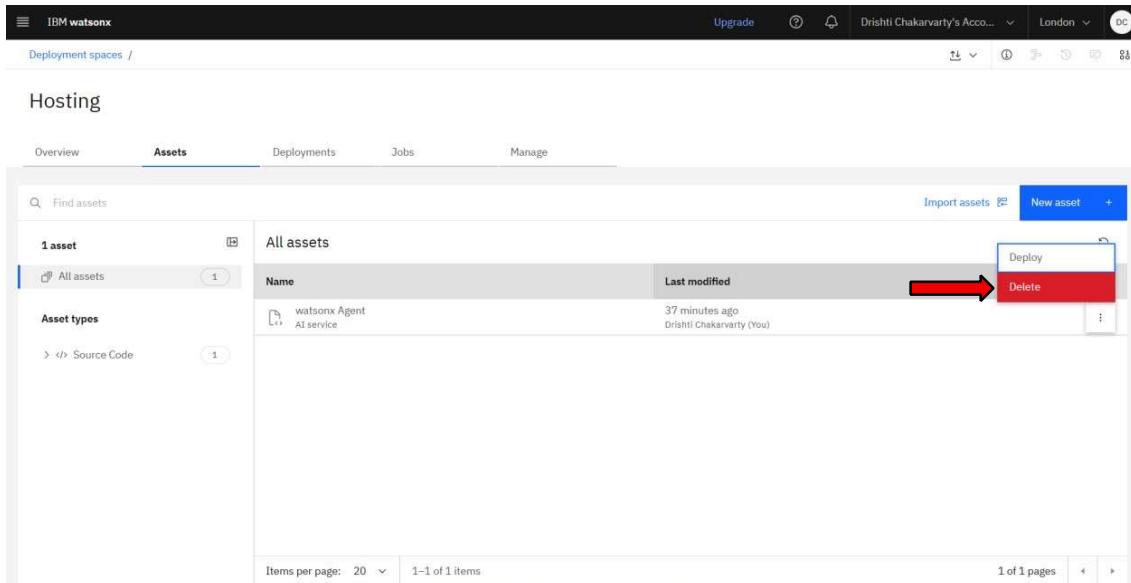
Navigation and search controls are visible at the top and bottom of the page.

**Click on Delete.**

**5.**

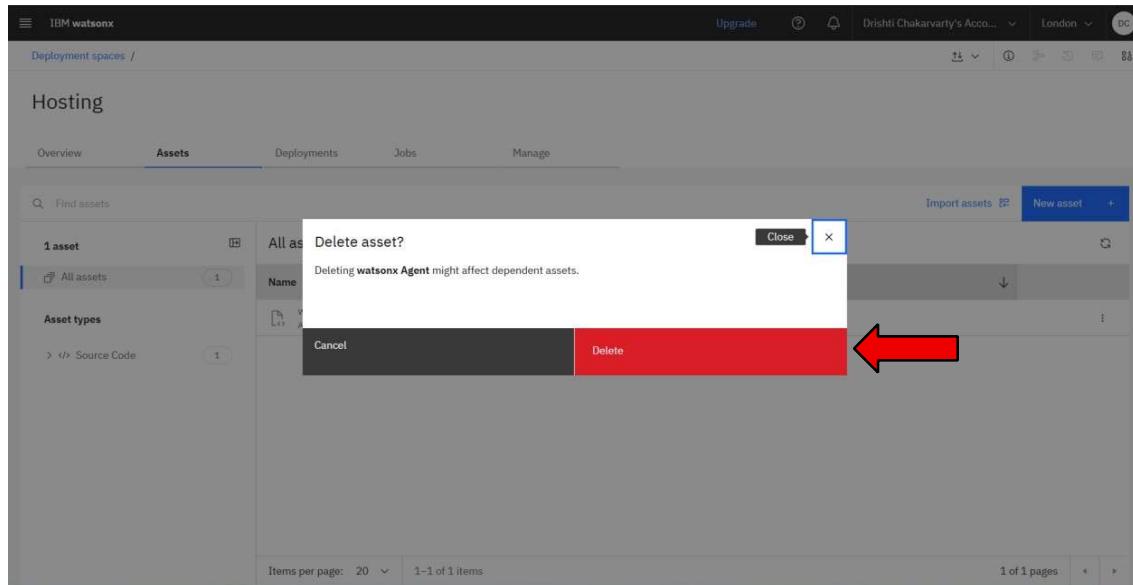


**6. Now click on Assets and delete the previously created asset.**

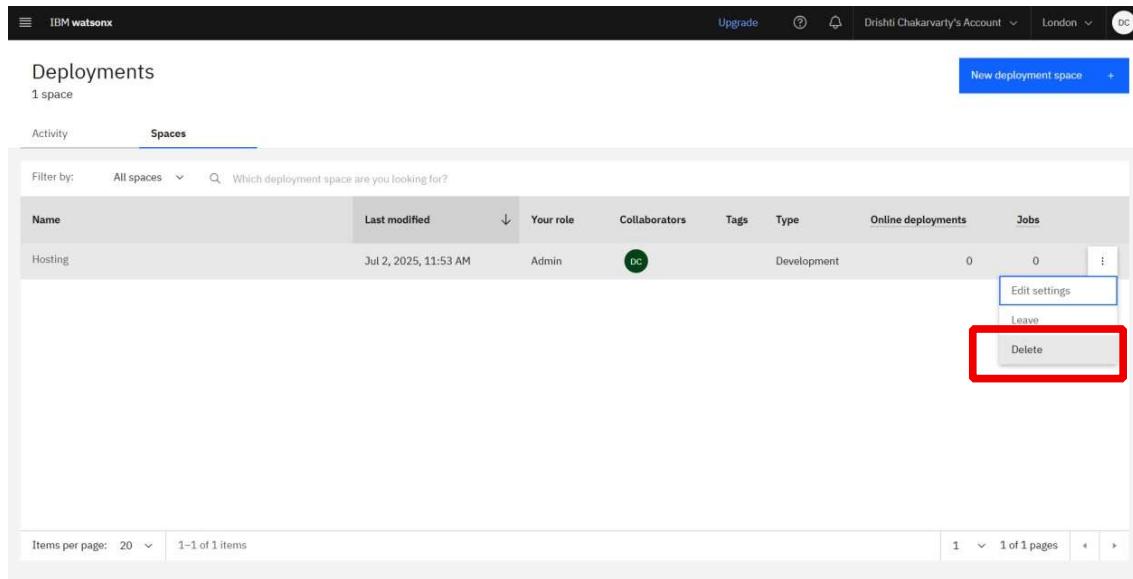


**7.**

**Click on Delete.**



**8. Now at the end Delete the previously created deployment space.**



**9.**

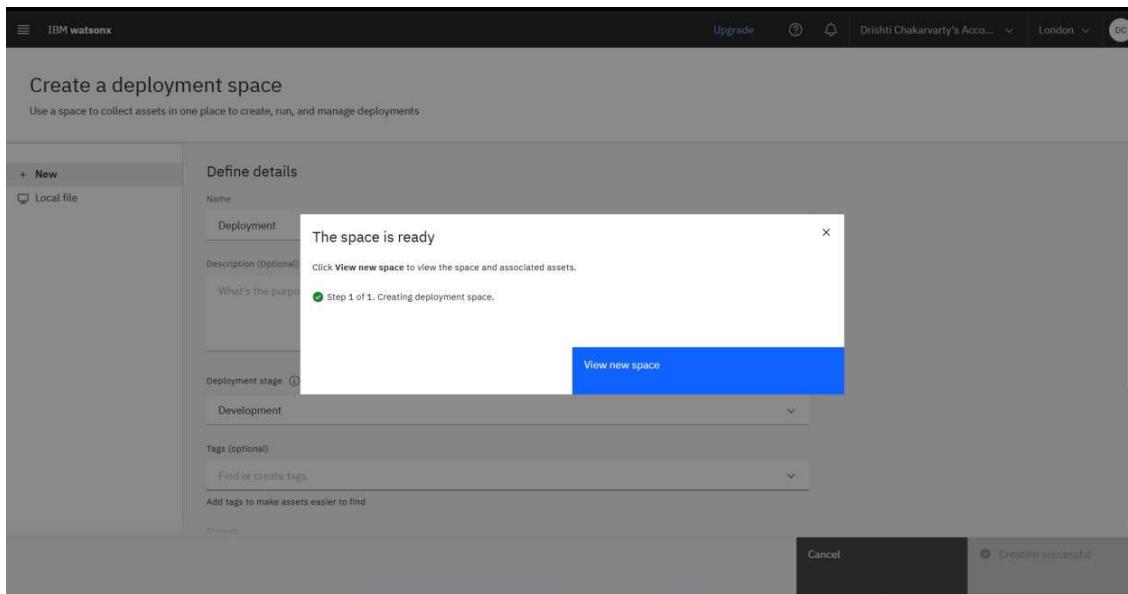
**Click on Delete.**

The screenshot shows the IBM Watsonx interface with the 'Spaces' tab selected. A deployment space named 'Hosting' is listed. A modal dialog box is open over the list, asking 'Delete the deployment space Hosting?' with 'Cancel' and 'Delete' buttons. The 'Delete' button is highlighted with a red background. The top right corner of the dialog has a small blue box with a white 'x' icon, which is also highlighted with a red border.

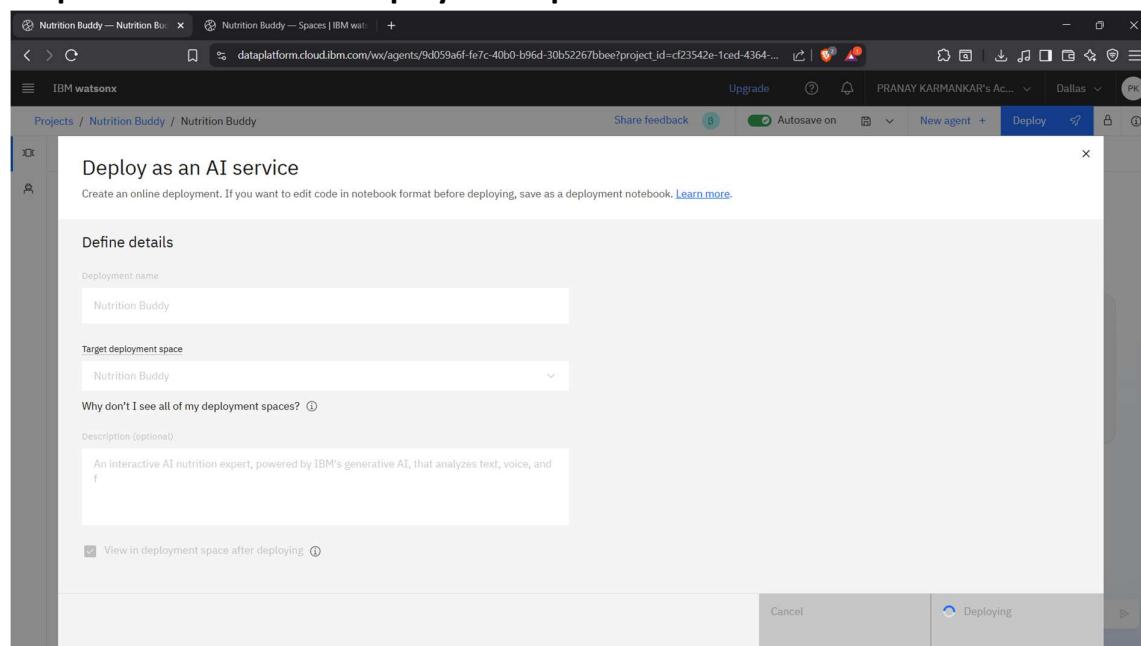
**Step-41 Now give the name to your deployment space and then click on Create.**

The screenshot shows the 'Create a deployment space' form. On the left, there's a sidebar with '+ New' and 'Local file' options. The main area is titled 'Define details' with fields for 'Name' (set to 'Nutrition Buddy') and 'Description (Optional)'. Below that is a 'Deployment stage' dropdown set to 'Testing'. Under 'Tags (optional)', there's a dropdown menu with 'Find or create tags'. At the bottom are 'Cancel' and 'Create' buttons, with 'Create' being highlighted with a blue background.

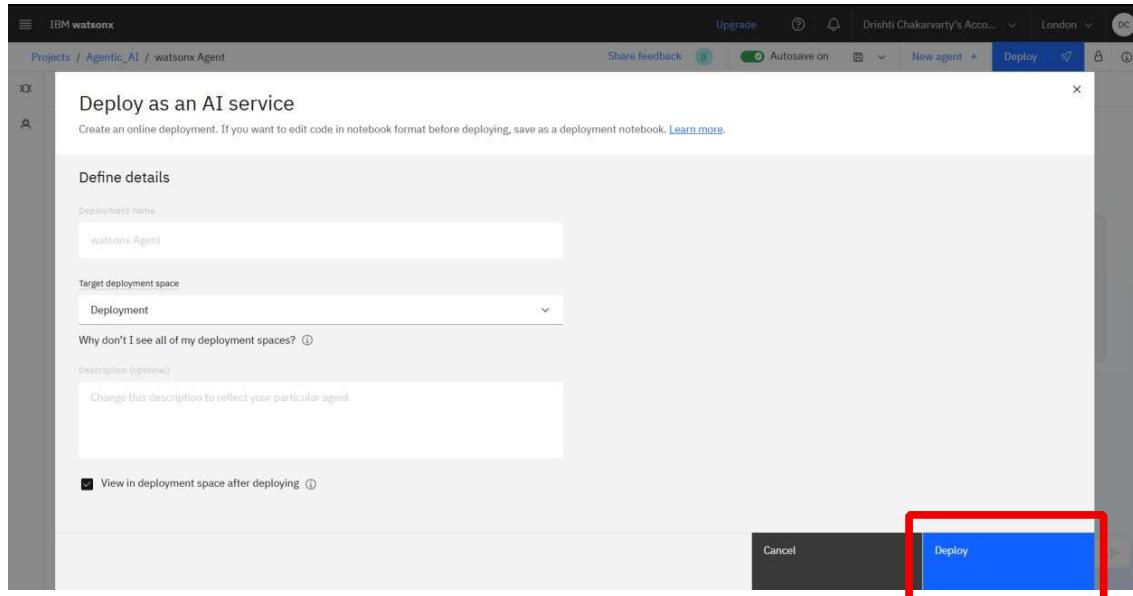
**Step-42 You will get a pop-up displaying The space is ready.**



**Step-43 Go back to the Deployment space and the click on Reload.**



**Step-44 Now click on Deploy.**



The screenshot shows the IBM WatsonX interface for the 'Nutrition Buddy' project. The 'Build' tab is active, displaying various configuration sections: 'Setup', 'Configuration', 'Framework' (set to 'LangGraph'), 'Architecture' (set to 'React'), 'Instructions', and 'Knowledge'. The 'Instructions' section contains two examples of AI-generated responses. Below these are 'Tools' sections for 'Add a tool' and 'Create custom tool', and a 'Google search' section. To the right, the 'Agent preview' panel displays a network graph and a status message: 'Deployment has started' with the timestamp '01:13 AM' and 'Welcome to Nutrition E...'.

**Step-46 You will see that your agent is getting deployed.**

Nutrition Buddy

Deployment spaces /

Overview Assets **Deployments** Jobs Manage

Name	Type	Status	Asset	Asset type	Tags	Last modified
(1) Nutrition Buddy	Online	Deployed	Nutrition Buddy	Ai service	wx-agent	35 seconds ago PRANAY KARMANKAR (You)

Items per page: 20 | 1–1 of 1 items | 1 of 1 pages

**Step-47 You can see that your agent is successfully deployed, now click on watsonx Agent.**

Nutrition Buddy

Deployment spaces /

Overview Assets **Deployments** Jobs Manage

Name	Type	Status	Asset	Asset type	Tags	Last modified
(1) Nutrition Buddy	Online	Deployed	Nutrition Buddy	Ai service	wx-agent	59 seconds ago PRANAY KARMANKAR (You)

Items per page: 20 | 1–1 of 1 items | https://dataplatform.cloud.ibm.com/ml-runtime/deployments/209b7a5c-20cc-4529-83fb-bbc83cdfda0?space\_id=78660bee-6ccf-49d1-817d-df07e0f211ef&context=wx | 1 of 1 pages

**Step-48 You can see the API references for your Deployed agent.**

The screenshot shows the IBM WatsonX interface for the 'Nutrition Buddy' deployment. On the left, there's a sidebar with 'IBM watsonx' and a navigation bar with 'Deployment spaces / Nutrition Buddy / Nutrition Buddy /'. Below that, there are tabs for 'API reference', 'Test', and 'Preview', with 'API reference' currently selected. Under 'API reference', there are sections for 'Endpoints for inferencing' (private and public endpoints) and 'Code snippets' (curl, Java, JavaScript, Python, Scala). The right side of the screen displays the 'About this deployment' panel, which includes fields for 'Name' (Nutrition Buddy), 'Description' (An interactive AI nutrition expert, powered by IBM's generative AI, that analyzes text, voice, and f), 'Deployment Details' (Deployment ID: 209b7a5c-20cc-4529-83fb-bbc83cdffda02, Serving name: No serving name, Software specification: runtime=24.1-py3.11, Hardware specification: Extra extra small: 1 CPU and 2 GB RAM, Copies: 1), 'Tags' (wx-agent), and 'Associated asset' (Nutrition Buddy). A note at the bottom of the code snippets section says: '# NOTE: you must set \$API\_KEY below using information retrieved from your IBM Cloud account (https://dataplatform.cloud.ibm.com/docs/content/api-reference/using-the-api-key.html)'. The 'Last modified' field shows the date as May 1, 2021.

## Step-49 Now you can click on Preview and ask questions to your agent.

The screenshot shows the 'Preview' tab selected for the 'Nutrition Buddy' deployment. At the top, there's a message: 'I'm sorry for the confusion, but as an AI, I don't have real-time access to databases or the ability to generate a list from an extensive, up-to-date food database. However, I can provide a general list based on common knowledge about Indian cuisine and their approximate glycemic indices:' followed by a numbered list of 10 items. Below this, there's a text input field with 'Type something...' placeholder text and a send button. The rest of the interface is similar to the previous screenshot, showing the API reference and deployment details.