

Initial Configuration on Watsonx

Create First Project

Once you have logged in, ensure you are in watsonx platform (not Cloud Pak for Data) as you see below.

The screenshot shows the IBM Watsonx interface. At the top, there's a navigation bar with 'Upgrade', a notification icon, 'watsonx incubation's Acco...', 'Dallas', and a 'WI' icon. Below the navigation is a purple decorative header. The main area has a 'Welcome back, watsonx' message. On the left, a sidebar says 'Train, deploy, validate, and govern AI models responsibly.' and includes a 'Customize my journey' button. The central part features the 'AI Prompt Lab' with a text input field 'Start chatting...' and a 'Open Prompt Lab' button. To the right are three cards: 'Tune a foundation model with labeled data' (with 'with Tuning Studio'), 'Request or track models in AI use cases' (with 'with AI governance'), and another card partially visible. Below this is a 'Discover' section with a 'Resource hub' sidebar containing 'Foundation models', 'Prompts', 'Data', 'Projects', and 'Notebooks'. To the right is a 'Featured' section for 'llama-3-70b-instruct', which is described as an auto-regressive language model. There are arrows at the bottom of the 'Discover' section.

If you are in Cloud Pak for Data, click icon on top-right corner and select IBM watsonx.

The screenshot shows the IBM Cloud Pak for Data interface. At the top, there's a navigation bar with 'IBM Cloud Pak for Data', a search bar, 'Upgrade', a notification icon, 'watsonx incubation's Acco...', 'Dallas', and a 'WI' icon. Below the navigation is a dark header with 'IBM Cloud Pak for Data' and 'IBM watsonx'. The main area says 'Welcome, Watsonx!'.

Go to Projects section and click plus icon

The screenshot shows the 'Projects' section in Watsonx. It has a header 'Projects' and a large '+' icon on the right side.

Give name to your project, ensure Storage field is "CloudObjectStorage" and click Create button.

Create a project

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

+ New

Local file Sample

Define details

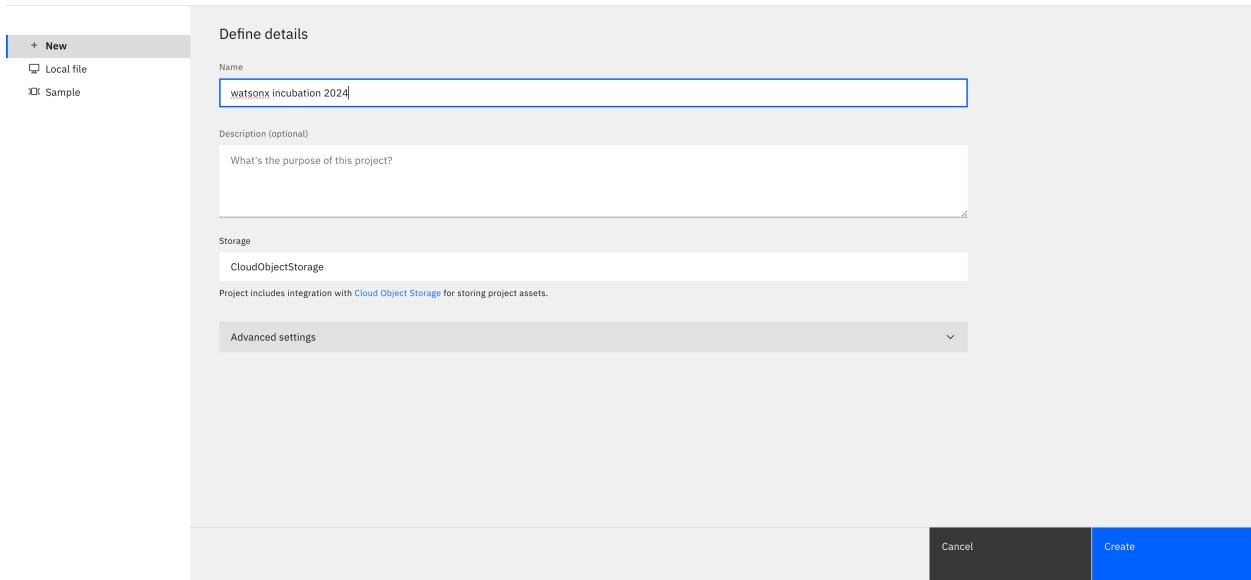
Name watsonx incubation 2024

Description (optional)
What's the purpose of this project?

Storage CloudObjectStorage
Project includes integration with Cloud Object Storage for storing project assets.

Advanced settings

Cancel Create



Go to Manage tab → Services & integration → click Associate service button.

Projects / watsonx incubation 2024

Overview Assets Jobs Manage

Project General Access control Environments Resource usage Services & integrations

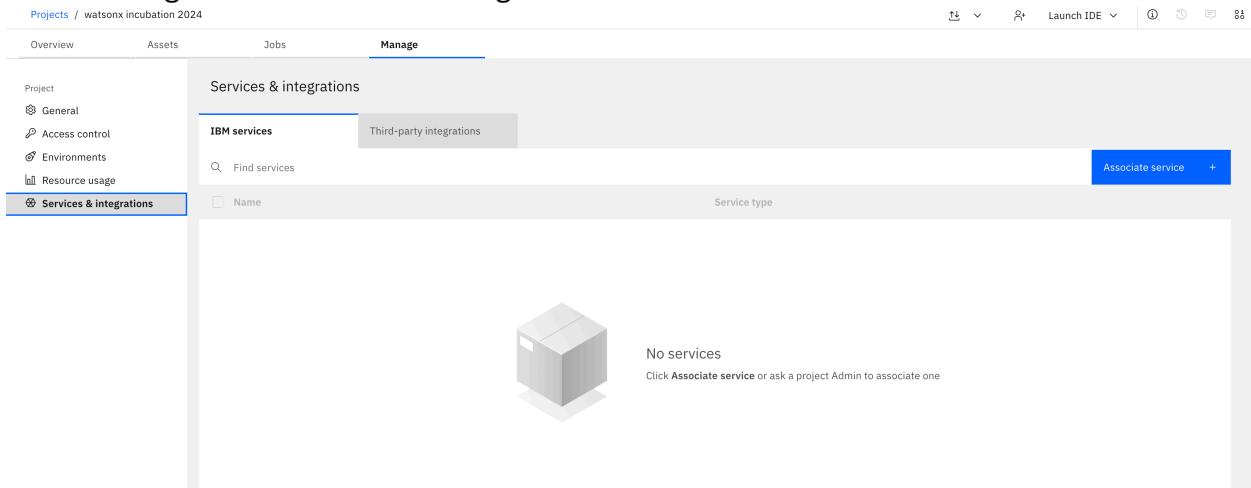
Services & integrations

IBM services Third-party integrations

Find services

Associate service +

No services
Click **Associate service** or ask a project Admin to associate one



Select Watson Machine Learning to associate this service then click Associate button. Now you will be able to use watsonx.ai service (jupyter notebook, prompt template, and deployment space).

Associate service
Choose an existing or add a new service to associate with your project.

Name	Type	Plan	Location	Status	Group
WatsonMachineLearning ⓘ	Watson Machine Learning	Lite	Dallas	Not associated	Default

Cancel Associate

Create First Deployment Space

Now click Hamburger icon on top-left corner → select Deployments → click Deployment space button.

Give name to your new deployment space → select CloudObjectStorage on storage service field → select WatsonMachineLearning on machine learning service field → click Create button.

Create a deployment space

Use a space to collect assets in one place to create, run, and manage deployments

Define details

Name
watsonx-incubation-deployment-space

Description (Optional)
Deployment space description

Deployment stage ⓘ
Select or enter a name that describes the purpose of the space

Deployment space tags (optional) ⓘ
Add a tag

Select services

Select storage service ⓘ
CloudObjectStorage

Select machine learning service (optional) ⓘ
WatsonMachineLearning

Upload space assets (optional)

Populate your space with assets exported from a project or space to a .zip file. You can add more assets after the space is created.

Drop .zip file here or browse your files to upload

Cancel Create

You will use this to deploy your prompt or any functions later in the next sessions.

IBM Watsonx

Upgrades / watsonx incubation's Account Dallas WI

Deployments /

watsonx-incubation-deployment-space

Overview Assets Deployments Jobs Manage

Jump back in

Assets that you promote or add to the space show here.

View all

Deployments All

Deployed	Failed
0	0

View deployments

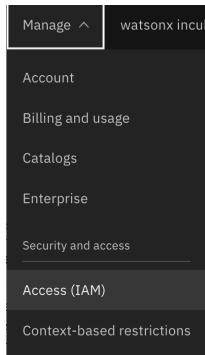
Space history

No notifications

You will see your most recent notifications here.

Get IBM Cloud API Key

Go to <https://cloud.ibm.com/login> (login using your credentials if necessary) → click Manage on top row → Access (IAM).



Click API Keys on left pane → click Create button.

A screenshot of the IBM Cloud API keys page. The left sidebar is open, showing the 'API keys' section selected. The main area shows a table with one row: 'No API keys'. Below the table, it says 'Looks like there aren't any API keys. Click Create to get started.' A blue 'Create' button is located in the top right corner of the main content area.

Give name to your new API key and click Create button.

A screenshot of the 'Create IBM Cloud API key' dialog box. It has two input fields: 'Name' containing 'watsonx-incubation' and 'Description' which is empty. At the bottom, there are 'Cancel' and 'Create' buttons, with 'Create' being highlighted in blue.

Once it is created, you need to download and store somewhere in your local directory. Starting from now, you will be able to connect to watsonx service using 3rd party application.

Create First Bot using Watsonx Assistant

Now click Hamburger icon on top-left corner and select Resource List.

The screenshot shows the IBM Cloud dashboard. On the left, there's a sidebar with navigation links: Dashboard, Resource list, Projects, Classic Infrastructure, Code Engine, Kubernetes, OpenShift, Satellite, Security and Compliance, VMware, VPC Infrastructure, API Management, App Development, Container Registry, and DevOps. The main area displays a table of resources. The columns are Group, Location, Product, Status, and Tags. There are filters at the top of the table for Group, Location, Product, Status, and Tags. The table contains several entries, including Watson Machine Learning, Watson Studio, Watsonx Assistant, and watsonx.governance, all marked as Active and tagged with cpdaas.

Type “watsonx assistant” on Name search field until you have found watsonx assistant service. Then click it.

The screenshot shows a search results page. The search bar at the top contains the query "watsonx assistant". Below the search bar is a table with columns: Name, Group, Location, Product, Status, and Tags. One result is shown: "watsonx Assistant-06" under the "AI / Machine Learning" group, located in Sydney, provided by Watson Assistant, marked as Active, and tagged with cpdaas.

Ensure you have access to the instance by clicking Launch watsonx Assistant button.

Start by launching the tool



When you have access, you need to setup your first bot. Please give the name then click Next button.

Welcome to watsonx Assistant

Next

The screenshot shows the first step of a wizard titled "Create your first assistant". It includes tabs for Create, Personalize, Customize, and Preview. The "Create" tab is selected. The steps are: 1. Create your first assistant, 2. Set up your assistant, 3. Add intents and responses, 4. Test your assistant. The "Create your first assistant" section contains fields for Assistant name (with "watsonx incubation" typed in), Description (optional) with placeholder "Add a description for this assistant", and Assistant language set to English (US). A "Create assistant page" button is also present.

Fill the description of your bot with your preference, you can use sample below. After filling all of the required fields (Deployment Location, Industry, Role, and Statement), click Next button.

Welcome to watsonx Assistant

Back Next

This is what your customers will experience

Watsonx Assistant

Do you have the Speed Demons in stock?

The Speed Demons are in stock at our Downtown and Northgate locations, which are both within 5 miles of you.

What size and color do you need?

I'm looking for a size 9 in white

Great news! The Speed Demons are available in white in a size 9.

You can purchase them for curbside pickup or we can ship them to you. Which would you prefer?

I'll pick them up! Ship them to me!

Type something... ➤

Watsonx Assistant gives flexibility to customize front end UI, you can skip this step for now to use default UI template. Click Next button.

Welcome to watsonx Assistant

Back Next

Restart conversation ➤

Assistant

Hi! I'm a virtual assistant.
How can I help you today?

Example: Find nearby location

Example: Check account balance

Example: See how I can help

Type something... ➤

Built with IBM watsonx ⓘ

You also can see the preview of watsonx assistant when it is embedded on 3rd party website. Click Next Create button.

Welcome to watsonx Assistant

Back Create

Create Personalize Customize Preview

Preview your assistant

See what your assistant will look like as a chatbot on your website.

Copy link to share Change background +

Sample website

Hi! I'm a virtual assistant.
How can I help you today?

Example: Find nearby location
Example: Check account balance
Example: See how I can help

Type something...

Built with IBM Watsonx ⓘ

You can use this bot for your activities in next sessions.

Home

New release
Conversational search is GA!
As of 3 May 2024, conversational search, our latest watsonx generative AI feature utilizing retrieval-augmented generation (RAG), is available to the general public. Token usage based billing will begin on 1 June 2024. [Pricing](#) and [Terms](#) will apply. In the meantime, enjoy one free month of usage. [Learn more](#)

Your assistant now has new watsonx generative AI features! [Learn more](#) about intelligent information gathering. [Enable in settings](#)

Welcome, you're in watsonx Assistant! [Learn more](#)

watsonx incubation | English (US)
No description

Get started
3 steps left 7 min

0%

- Learn about watsonx Assistant 5 min
- Explore your learning resources New!
Check out our new set of learning resources, and mark complete when you're ready to continue.
- Explore watsonx Assistant features on our interactive demo site 2 min



Now you are ready to onboard on watsonx incubation. Happy exploring!