

Skills Network

Lab: Creating a Watson Studio Project with Jupyter Notebooks

Objective(s):

After completing this lab, you will be able to:

- Use Watson Studio service
- Create project in Watson Studio
- Add an interactive python notebook to a project in Watson Studio

Pre-requisite

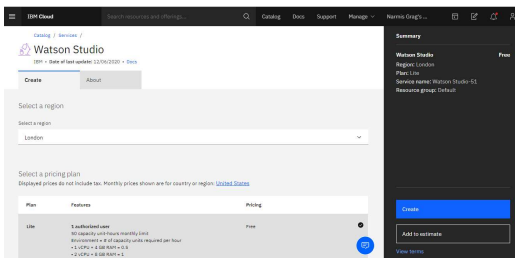
You need an IBM Cloud account to create a project in Watson Studio. If you don't have an account created already, click and open this [link](#) and follow the instructions, to create an IBM Cloud account.

Exercise - Create a project on Watson Studio

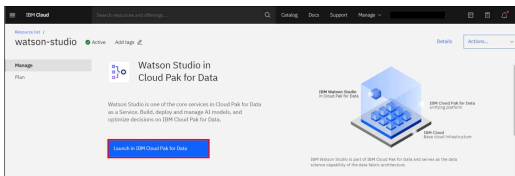
If you have not created a Watson service before proceed with Task 1, otherwise go to Task 2

Task 1: Create Watson Studio Service:

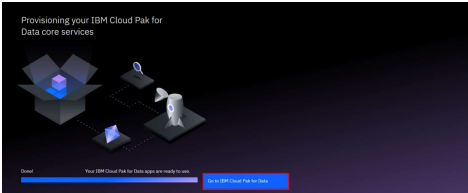
1. [Click here](#) to go to the IBM Cloud Watson Studio page. You will see the screen in the figure below. Click on the **Create** button.



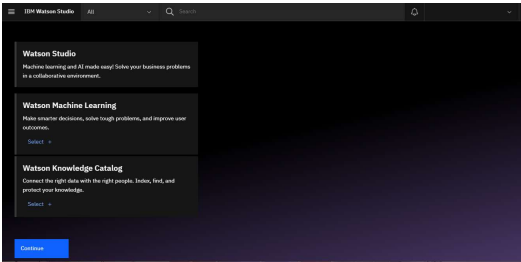
2. Now click **Launch IBM Cloud Pak for Data**.



3. Then click **Go to IBM Cloud Pak for Data**.

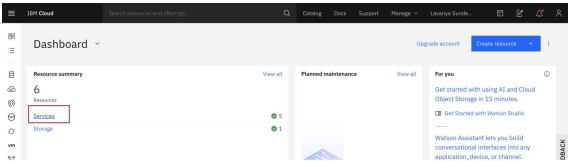


4. Then click **Continue**.

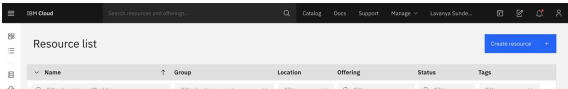


Task 2: Open Watson Studio

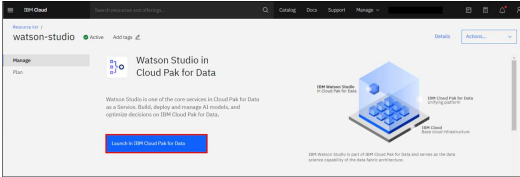
1. Go to the IBM Cloud Dashboard and click **Services**.



2. When you click on Services, all your existing services will be shown in the list. Click the Watson Studio service you created:



3. Then click **Get Started**.



Task 3: Create a Project

1. Click on **Create a project**.
2. On the **Create a project page**, click **Create an empty project**.
3. Provide a **Project Name** and **Description**.
4. You must also create storage for the project. Click **Add**
5. On the Cloud Object Storage page, click **Create**.
6. On the New project page, note that the storage has been added, click **Refresh** and then click **Create**.

Task 4: Adding a Notebook to the Project:

1. Click on **Assets > New asset**.
2. In the list of asset types, click **Jupyter Notebook Editor**.
3. On the New notebook page, click **Blank** and then add a name and optional description for the notebook. Specify the language as Python and runtime environment. Click **Create**.

Just wait until the notebook appears. In case you are interested. The jupyter enterprise gateway has requested resources on the Kubernetes cluster IBM hosts for serving the jupyter kernel backing your notebook.

Now you're ready to code!

This concludes this tutorial.

Author(s)

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Changelog

Date	Version	Changed by	Change Description
2022-04-04	2.2	Malika	Updated Screenshots
2021-10-11	2.1	Malika	Updated IBM account creation
2020-08-25	2.0	Migrated Lab to Markdown and added to course repo in GitLab	

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