

## 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

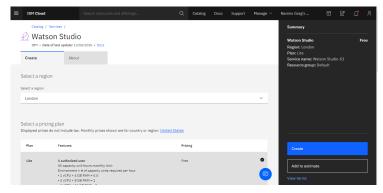
You need an IBM Cloud account to create a project in Watson Studio. If you don't have an account created already, click and open this <u>link</u> and follow the instructions, to create an IBM Cloud account.

## **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.



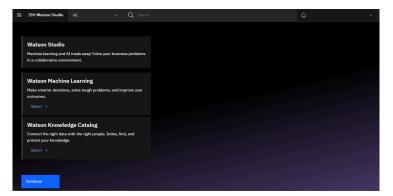
2. Now click Launch IBM Cloud Pak for Data.



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

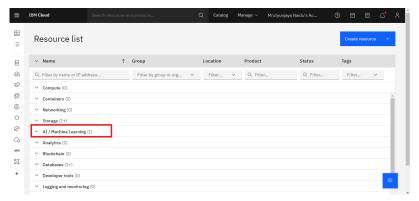


4. Then click Continue.

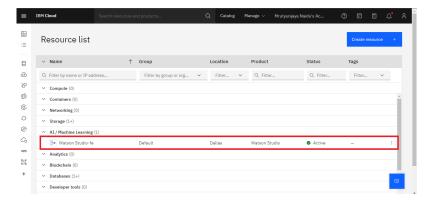


Task 2: Open Watson Studio

1. Go to the Resource list and click on the drop-down arrow for AI / Machine Learning.



 $2.\ Under\ \textbf{AI/Machine Learning}\ you\ will\ find\ the\ Watson\ Studio\ which\ you\ just\ created.\ Click\ the\ Watson\ Studio\ service.$ 

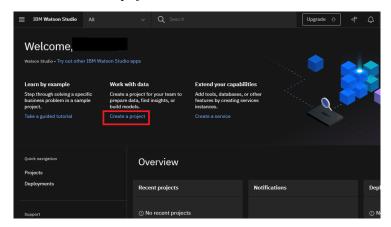


3. Then click Launch IBM Cloud Pak for Data.

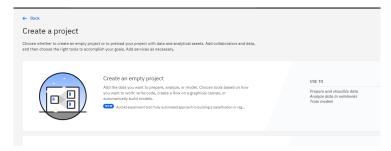


Task 3: Create a Project

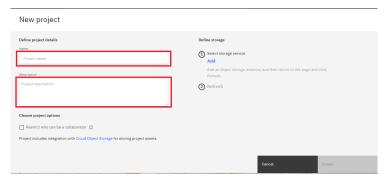
1. Click on Create a project.



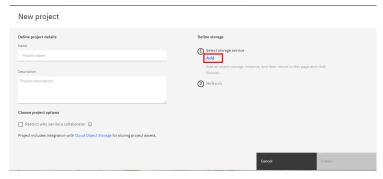
2. On the Create a project page, click Create an empty project.



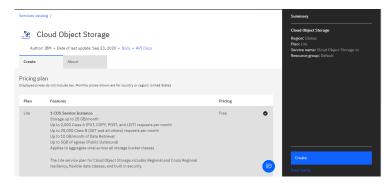
3. Provide a **Project Name** and **Description**.



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**.

#### New project



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.

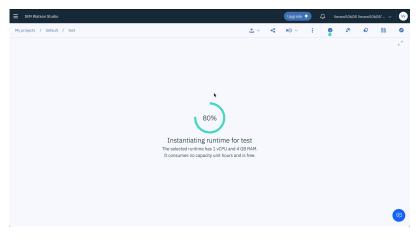


3. On the New notebook page, click **Blank** and then add a name and optional description for the notebook. Specify the language as Python and runtime environment. Click **Create**.

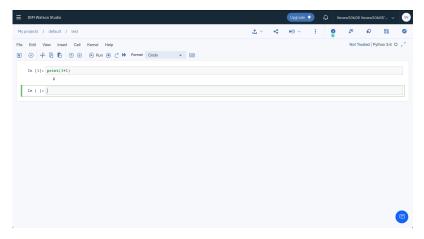
#### New notebook



Wait until the notebook appears. If 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 are ready to code!



This concludes this tutorial.

## Author(s)

Romeo

# Changelog

Dat	e Version	Changed by	Change Description
2022-12	2-19 2.3	Anita Verma	Updated Screenshots and instructions
2022-0	4-04 2.2	Malika	Updated Screenshots
2021-10	0-11 2.1	Malika	Updated IBM account creation
2020-0	8-25 2.0	Migrated Lab to Markdown and added to course repo in GitLab	

© IBM Corporation 2020. All rights reserved.