



# Hands-on Lab : Getting Started with Watson Studio

**Estimated time needed:** 20 minutes

IBM Watson Studio provides you with the environment and tools to solve problems by collaboratively working with data. You can choose the tools you need to analyze and visualize data, to cleanse and shape data, to ingest streaming data, or to create and train machine learning models.

## 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.

## Objectives

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

## Exercise 1: Exercise - Create a project on Watson Studio

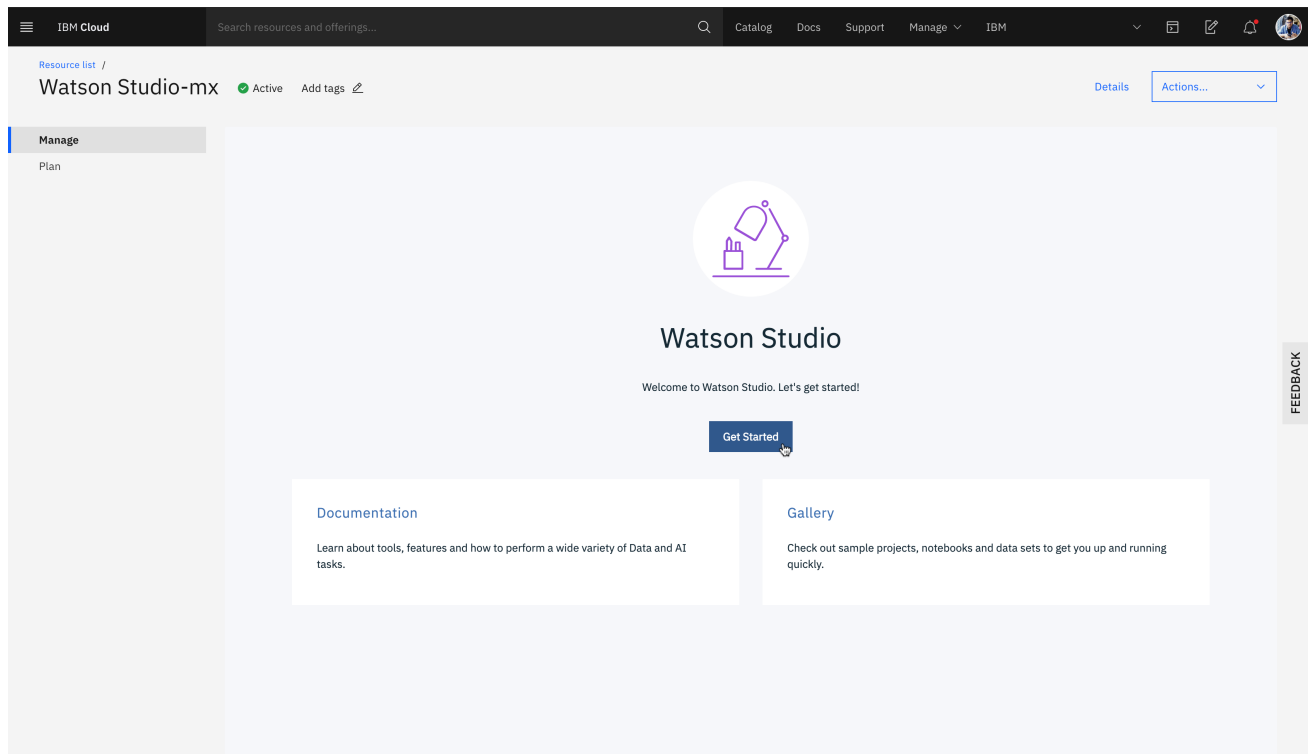
*If you have not created a Watson service before proceed with Task 1, otherwise go to Task 2*

### Task 1: For New Users (with no Watson service):

1. [Click here](#) to go to the IBM Cloud Watson Studio page. To create a Watson service, choose a plan you want to use, click **Create**. In the image below, the *Lite* plan has been chosen.

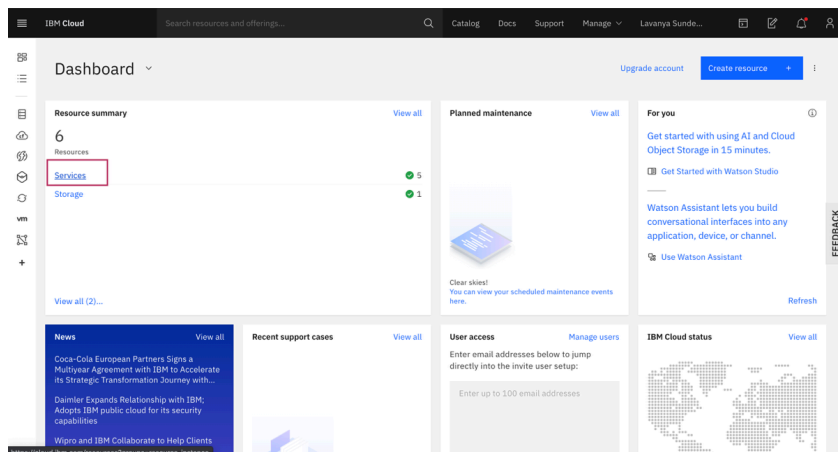
The screenshot shows the IBM Cloud 'Create' page for Watson Studio. The 'Lite' plan is selected and highlighted with a red border. The plan details include: 1 authorized user, 50 capacity unit-hours monthly limit, Environment = 8 of capacity units required per hour, 1 vCPU + 4 GB RAM = 0.5, 2 vCPU + 8 GB RAM = 1, 4 vCPU + 16 GB RAM = 2, and Decision Optimization = Environment \* 5. The pricing is listed as 'Free'. A blue 'Create' button is visible at the bottom right of the plan selection area. The right sidebar shows a 'Summary' section with details: Watson Studio, Region: Dallas, Plan: Lite, Service name: Watson Studio-go, and Resource group: Default. A 'FEEDBACK' button is also visible on the right sidebar.

2. On the Watson Studio page, click on **Get Started**.

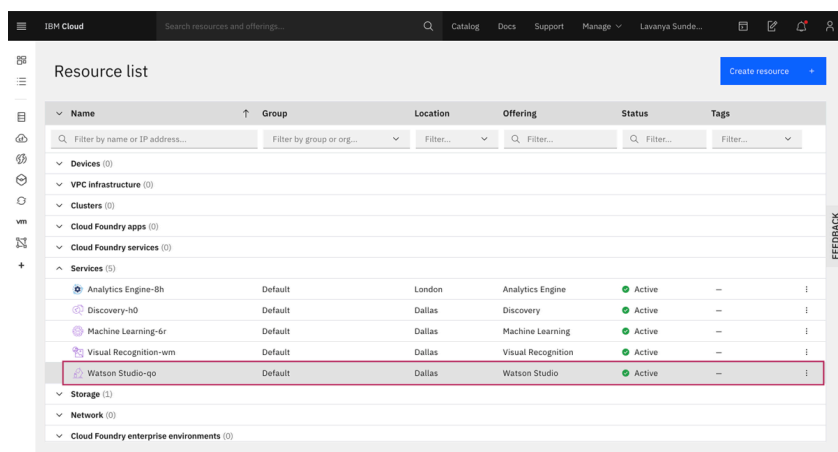


## Task 2: For Existing Users (who already have Watson Service):

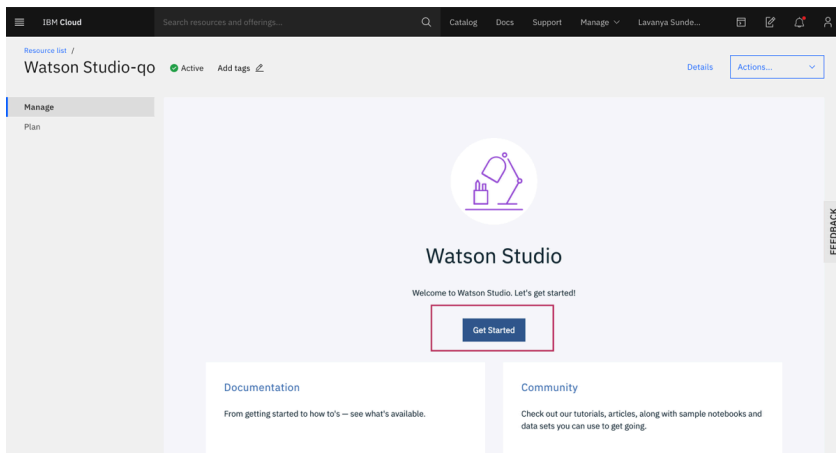
1. Go to the IBM Cloud Dashboard and click Services.



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



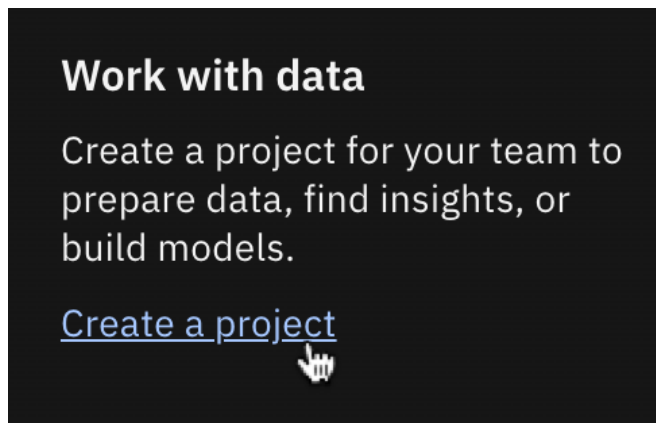
3. On the Watson Studio page, click on **Get Started**.



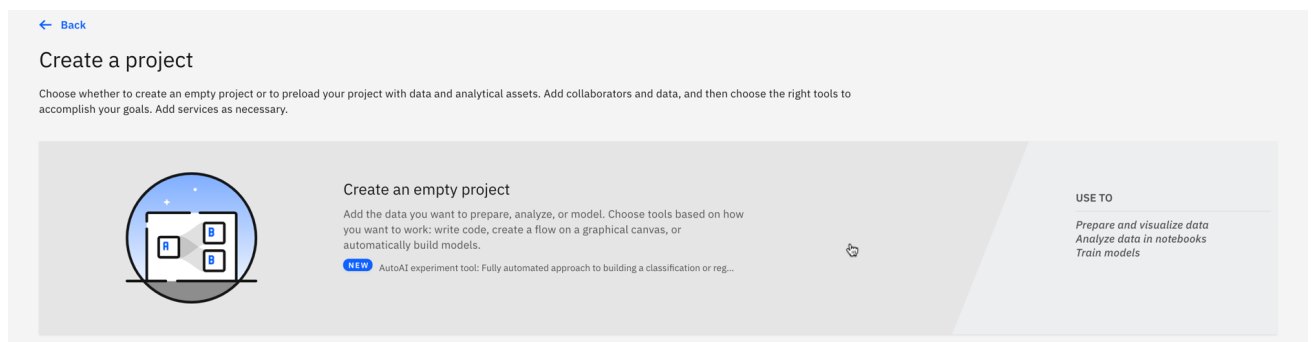
## Exercise 2: Creating a Project

In this exercise, you will create a project.

1. On the IBM Cloud Pak for Data welcome page, click **Create a project**.



2. Click **Create an empty project**.



3. Write **Capstone Project** as name of the project and click **Add** on Select storage service if no storage service appears. If a storage appears, proceed to step 6 directly.

IBM Cloud Pak for Data

## New project

Define project details

Name

Capstone Project

Description

Project description

Define storage

① Select storage service

Add

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

② Refresh

4. You will be redirected to a new page. On the **Create** tab, select **Lite** plan. Then click **Create**.

IBM Cloud Pak for Data

Services catalog /

Cloud Object Storage

Author: IBM • Date of last update: Sep 23, 2020 • Docs • API Docs

Create

About

Pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or region: United States

Plan	Features	Pricing
Lite	<b>1 COS Service Instance</b> Storage up to 25 GB/month Up to 2,000 Class A (PUT, COPY, POST, and LIST) requests per month Up to 20,000 Class B (GET and all others) requests per month Up to 10 GB/month of Data Retrieval Up to 5GB of egress (Public Outbound) Applies to aggregate total across all storage bucket classes  The Lite service plan for Cloud Object Storage includes Regional and Cross Regional resiliency, flexible data classes, and built in security.  Lite plan services are deleted after 30 days of inactivity.	Free
Standard	There is no minimum fee, so you pay only for what you use.	<a href="#">See pricing details</a>

Configure your resource

Service name

Cloud Object Storage-iu

Select a resource group

Default

Summary

Cloud Object Storage

Region: Global

Plan: Lite

Service name: Cloud Object Storage-iu

Resource group: Default

Create

View terms

5. Now you will be redirected to the previous new project page. Click **Refresh**.

IBM Cloud Pak for Data

## New project

Define project details

Name

Capstone Project

Description

Project description

Define storage

① Select storage service

Add

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

② Refresh

6. Once you see a storage service, click **Create**.

IBM Cloud Pak for Data

Sandip Saha Joy's Account

## New project

**Define project details**

Name  
Capstone Project

Description  
Project description

**Choose project options**

☐ Restrict who can be a collaborator ⓘ

Project includes integration with [Cloud Object Storage](#) for storing project assets.

**Storage**  
Cloud Object Storage-iu

Cancel Create

7. You have successfully created a project. Click **IBM Cloud Pak for Data** at the top left to go back to homepage.

IBM Cloud Pak for Data

Projects / Capstone Project

**Overview** Assets Jobs Access Control Settings

### Capstone Project

Last Updated: Oct 08, 2020

[Readme](#)

0 Assets 1 Collaborators

**Overview**

Date created  
Oct 08, 2020

Description  
No description available

Storage  
0 Byte used  
Cloud Object Storage

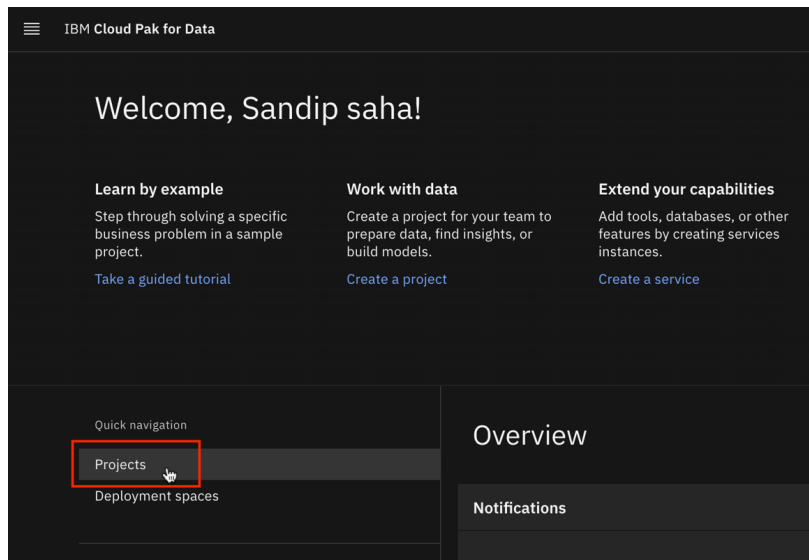
**Recent activity**

Alerts related to this project appear here when the project is active.

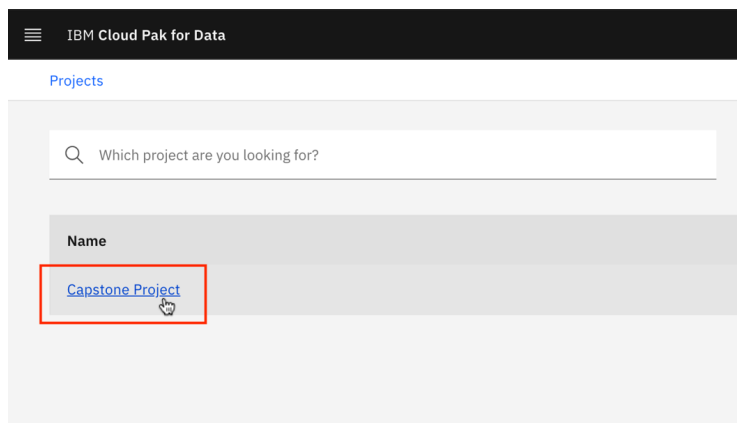
## Exercise 3: Adding a Jupyter Notebook to the Project

In this exercise, you will add an IPYNB Jupyter notebook to the Project you created.

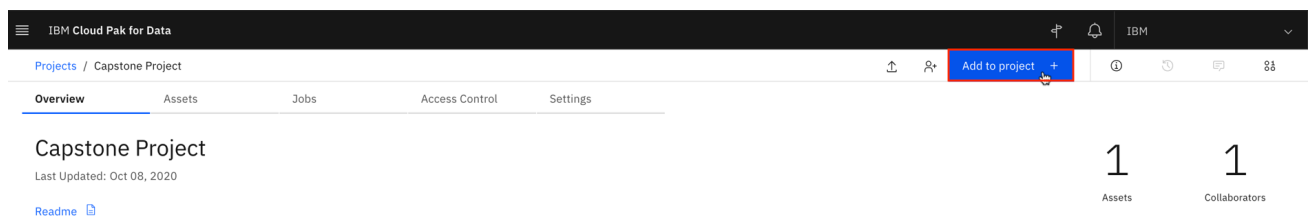
1. From IBM Cloud Pak for Data homepage, click **Projects** under Quick navigation.



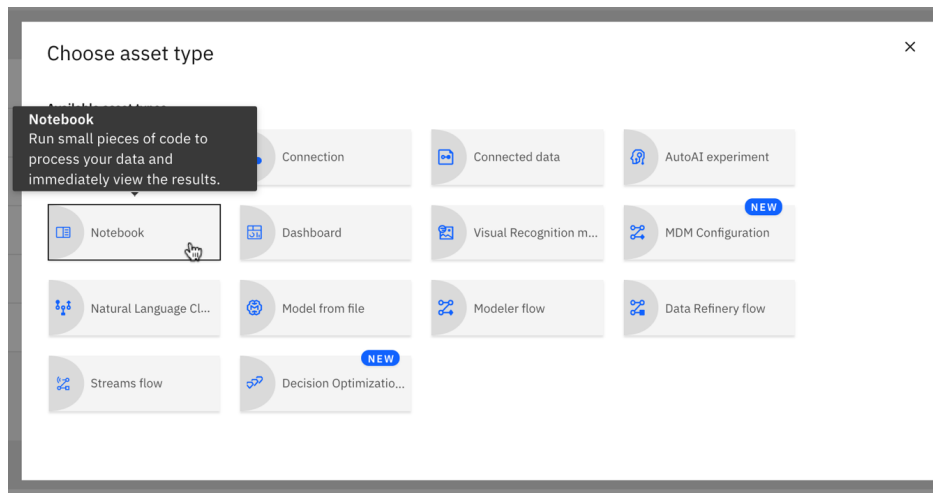
2. Select **Capstone Project** you created earlier.



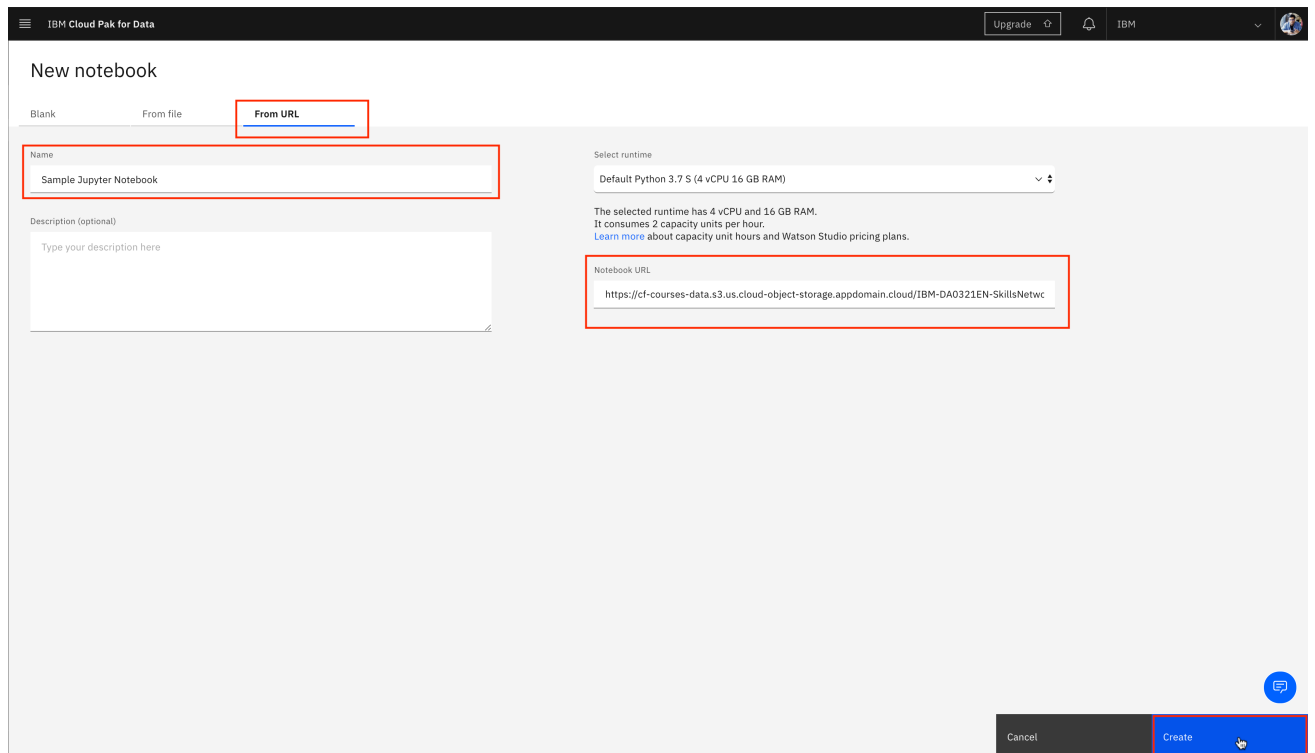
3. On the **Overview** page of Capstone Project project, click **Add to project**.



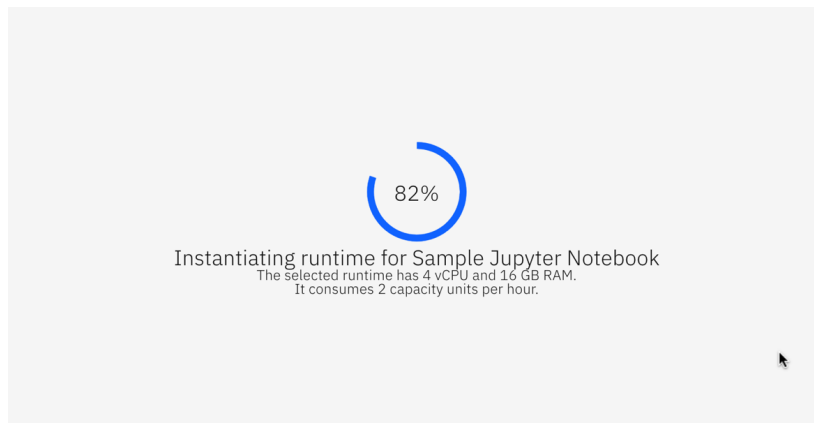
4. Select **Notebook**.



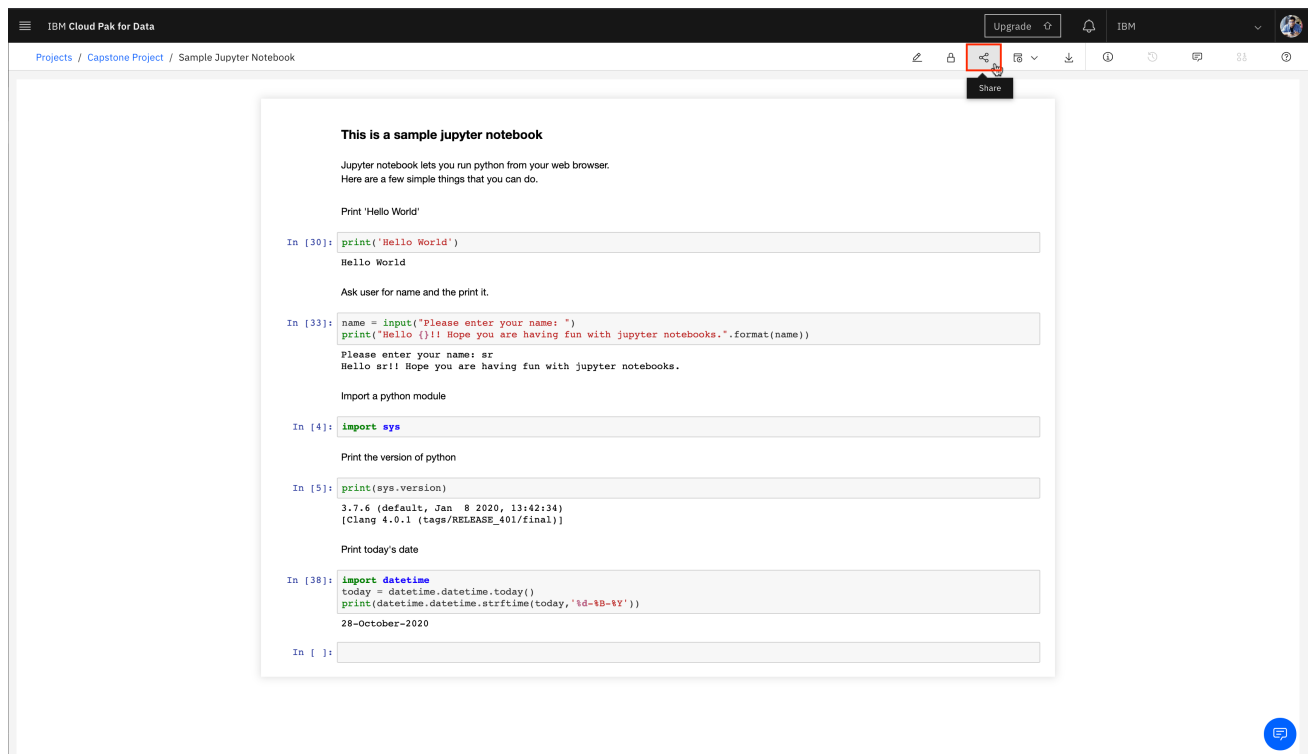
5.
  - Right-click on this [Link](#) and copy the link address of the sample Jupyter notebook.
  - Under **From URL** tab, name the Notebook as **Sample Jupyter Notebook**. Then paste the link of the sample Jupyter notebook to **Notebook URL** you just copied.



6. Wait until the notebook gets uploaded and become ready.



7. You have successfully added a Jupyter Notebook to the Project and opened it using Watson Studio. To share the notebook using permalink, click on the **Share** icon.



8. Click on the **toggle button** to turn on "Share with anyone who has the link". Select **All content, including code** from Cell content. Click on the **copy link** icon to copy the "Permalink to view notebook" and share the link if you need to share your work on the notebook. This link always points to the most recent saved version of the notebook.



## Share: Sample Jupyter Notebook

×

Share a read-only view of this notebook.

Share with anyone who has the link.



Cell content

- ☐ Only text and output
- ☐ All content excluding sensitive code cells
- ☒ All content, including code

ⓘ If your notebook includes credentials for data sources, you might want to remove such sensitive data from the notebook or hide it (see option 2). A version is saved for your notebook. The link always points to the most recent version of the notebook.

Permalink to view notebook

<https://eu-gb.dataplatform.cloud.ibm.com/analytics/notebooks/v2/1ead203a-35f3-4b80-a218-f88e8f625bc8/view>



Share on social media.



Copied!

Close

Congratulations! You have completed this Lab.

## Author

- [Sandip Saha Joy](#)

## Other Contributor(s)

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## Changelog

Date	Version	Changed by	Change Description
2020-10-23	1.0	Sandip Saha Joy	Initial version created

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