

Effort: 20 mins

Objective

In this lab, you will learn:

- 0. Import the notebook in Watson Studio
- 1. Create a dashboard

IBM Watson Setup

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

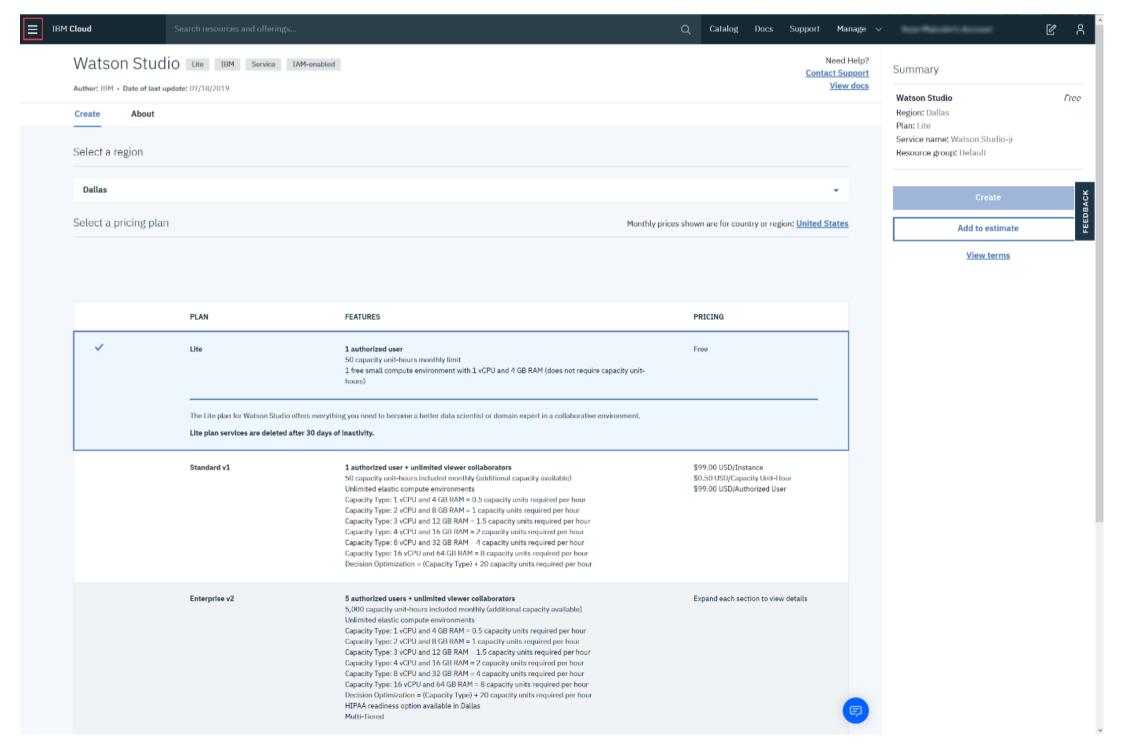
Step 1: For New Users (with no Watson service):

For this project, you will use your IBM Watson Studio account from the previous chapter.

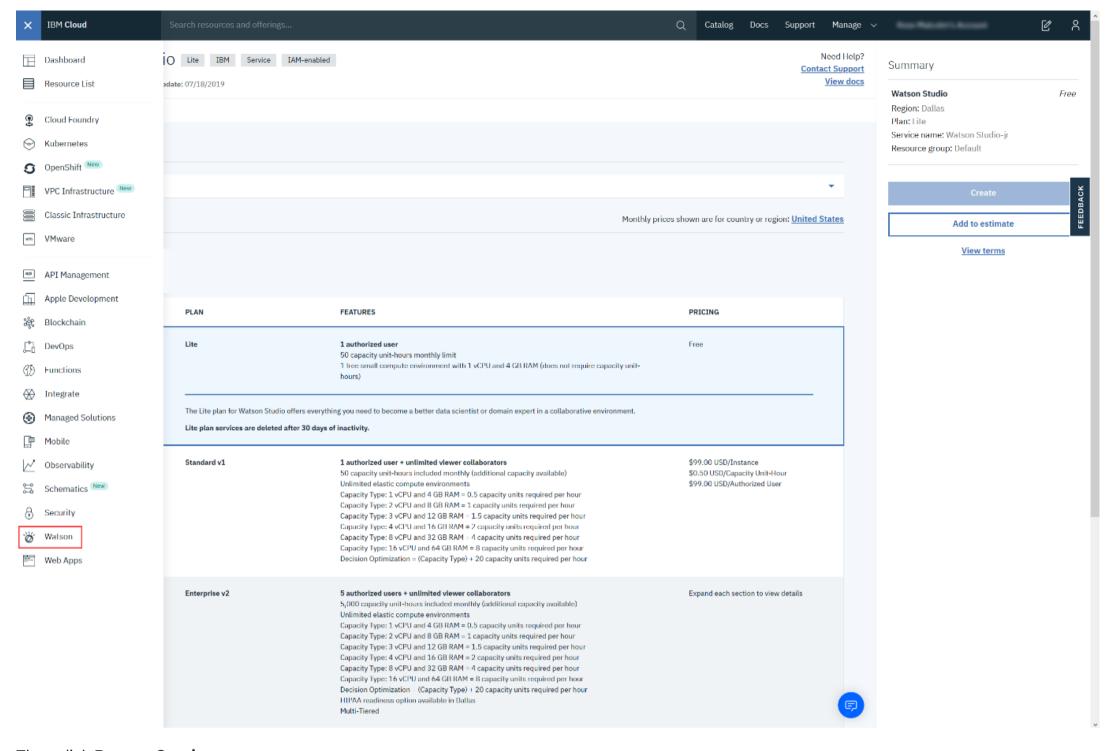
Go to the IBM Cloud Watson Studio page:

Click here

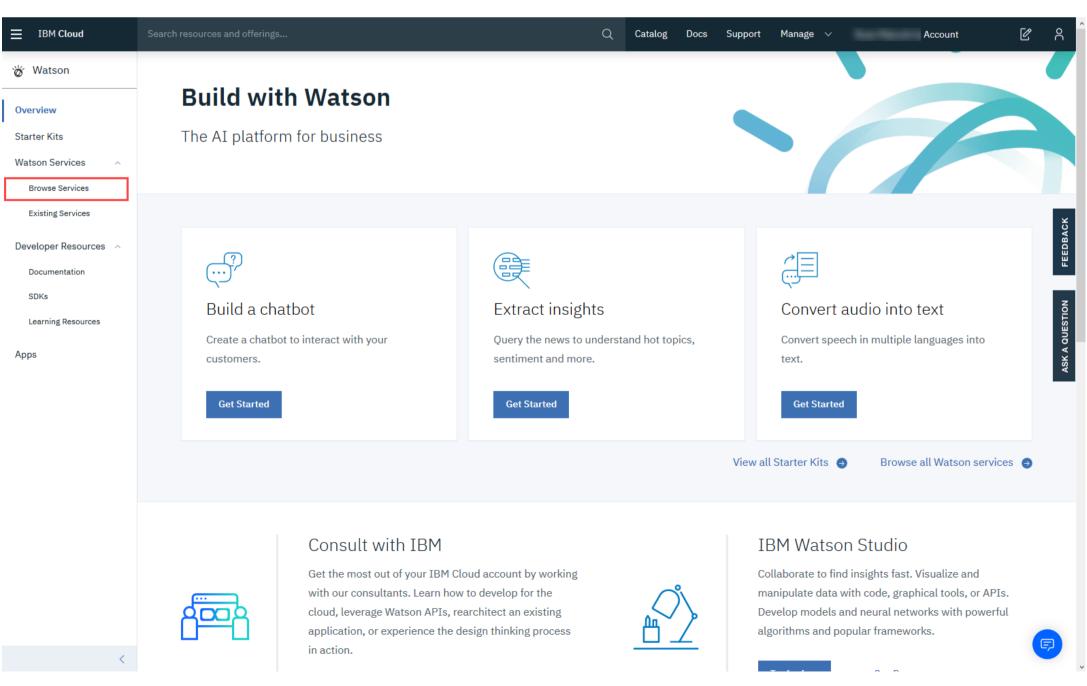
You will see the screen in the figure below. Click the icon in the red box:

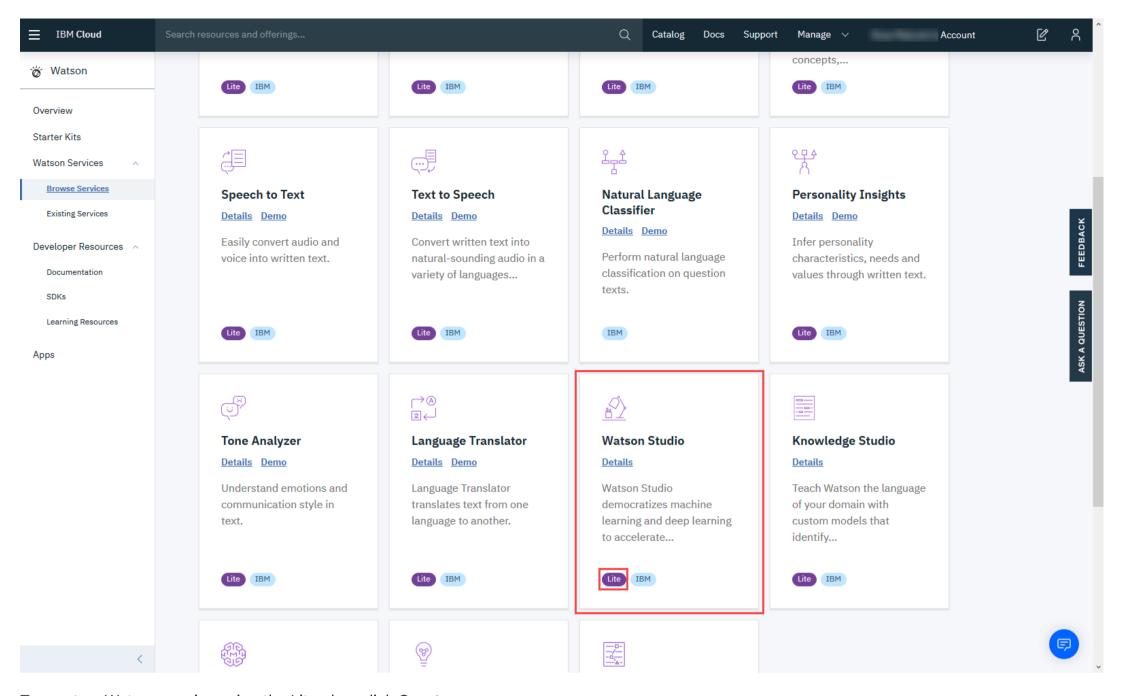


Then click **Watson**, as shown below:

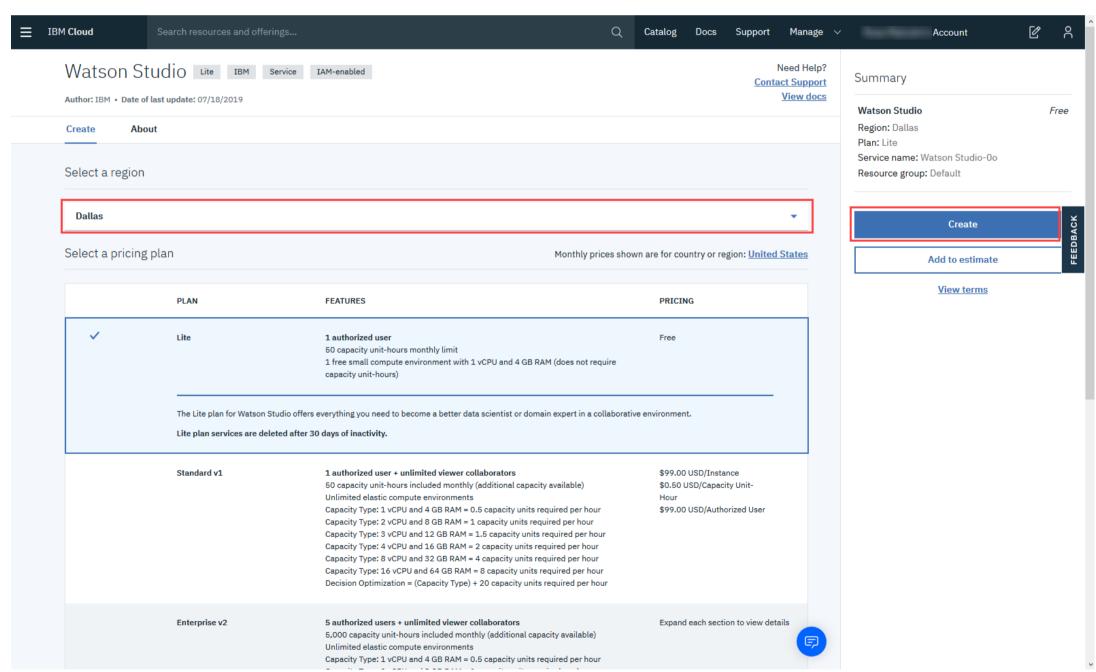


Then click Browse Services.

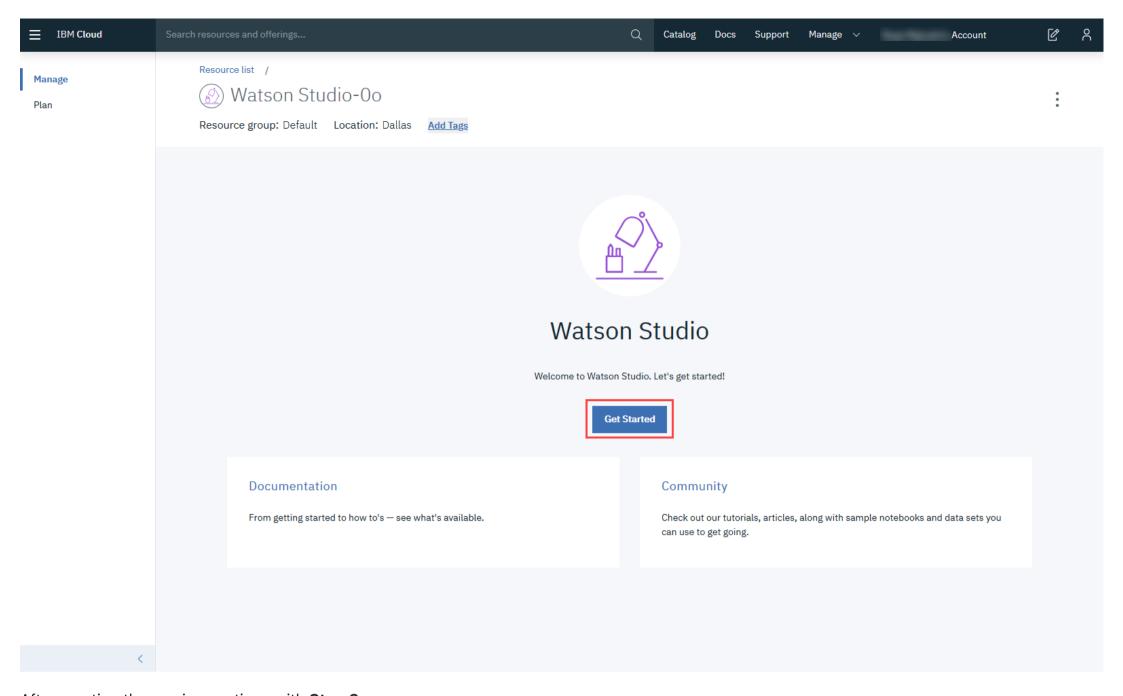




To create a Watson service using the Lite plan, click Create.



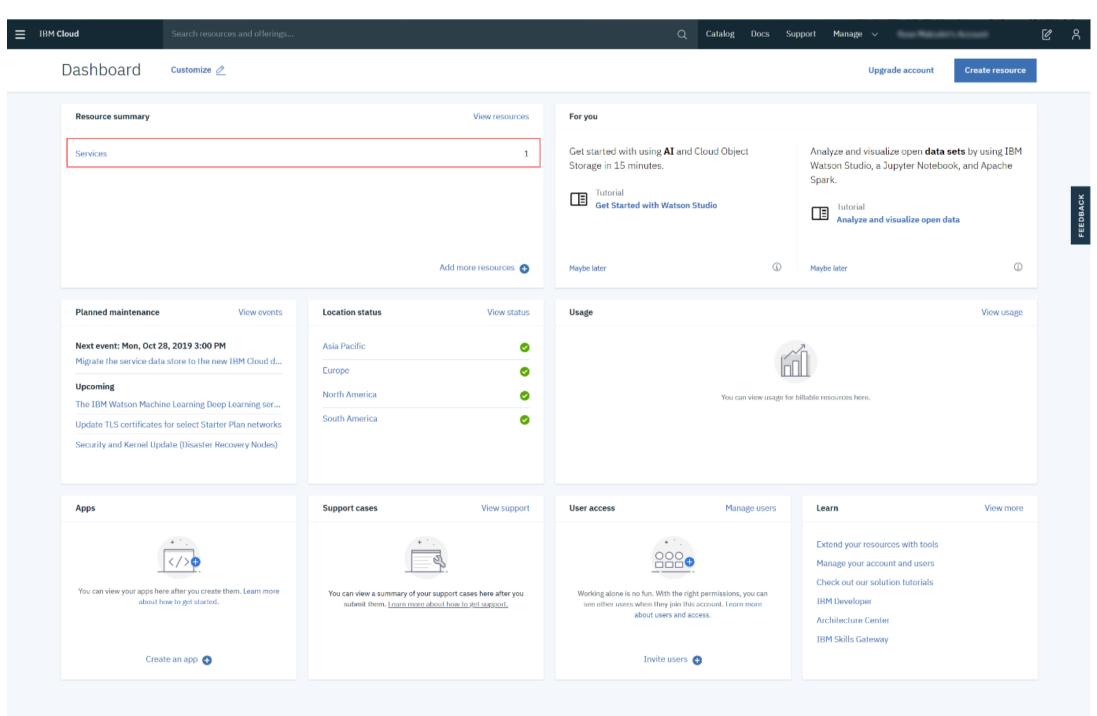
Now click Get Started.



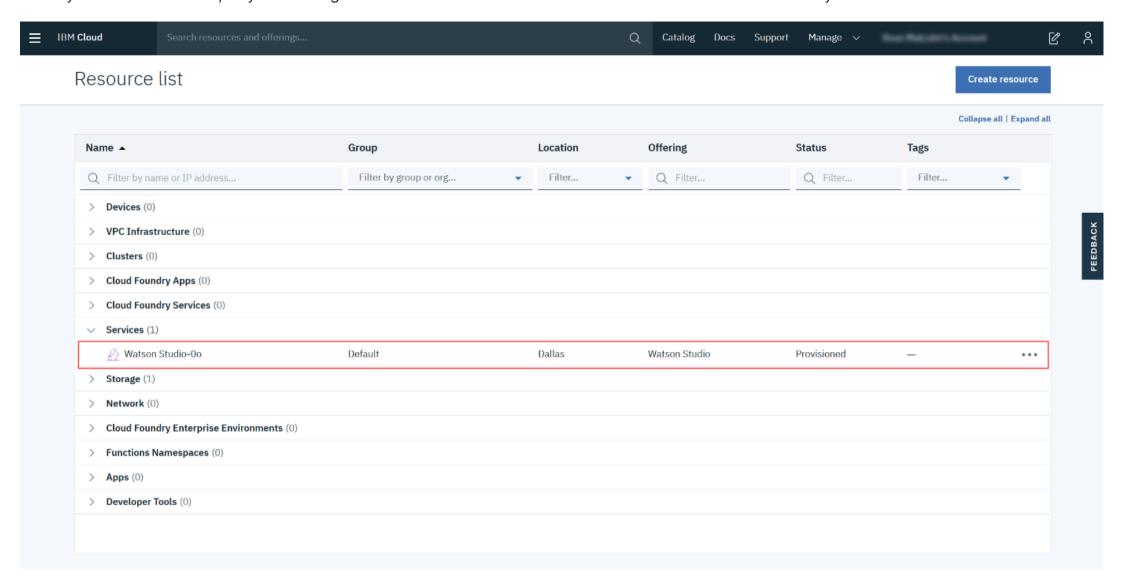
After creating the service continue with **Step 2**.

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

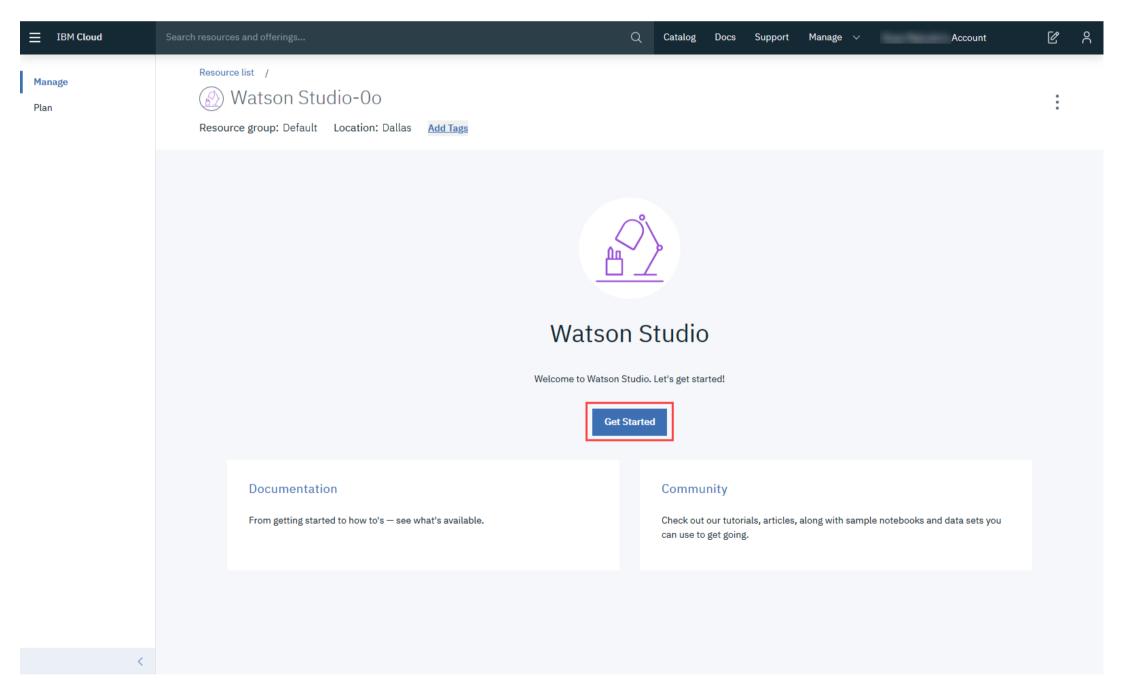
Go to the IBM Cloud Dashboard and click Services.



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



Then click Get Started.



Step 3: Creating a Project

Now you have to Create a project.

Click on **Create a project:**

Create a project

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

Take a guided tutorial

← Back

Create a project

Choose whether to create an empty project or to preload your project with data and analytical assets. Add collaborators and data, and then choose the right tools to accomplish your goals. Add services as necessary.



Create an empty project

Add the data you want to prepare, analyze, or model. Choose tools based on how you want to work: write code, create a flow on a graphical canvas, or automatically build models.

NEW AutoAI experiment tool: Fully automated approach to building a classification or re...

USE TO

Create a service

Prepare and visualize data Analyze data in notebooks Train models



Create a project from a sample or file

Get started fast by loading existing assets. Choose a project file from your system, or choose a curated sample project.

USE TO

Learn by example Build on existing work Run tutorials

Provide a **Project Name** and **Description**, as shown below:

New project Define project details Define storage 1 Select storage service Name Add Python Basics for Data Science Project Add an object storage instance and then return to this page and click Refresh. Description 2 Refresh This is the Python Basics for Data Science Project. Choose project options Restrict who can be a collaborator 1 Project will include integration with Cloud Object Storage for storing project assets.

Cancel

You must also create storage for the project.

Click Add New project Define storage Define project details 1 Select storage service Name Add Add an object storage instance and then return to this page and click Description 2 Refresh Choose project options Restrict who can be a collaborator Project will include integration with Cloud Object Storage for storing project assets.

Cancel



Cloud Object Storage

Existing

Cloud Object Storage

IBM Cloud Object Storage is a highly scalable cloud storage service, designed for high durability, resiliency and security. Store, manage and access your data via our self-service portal and RESTful APIs. Connect applications directly to Cloud Object Storage use other IBM Cloud Services with your data.

Features

Storage for the IBM Cloud

IBM Cloud Object Storage provides unstructured data storage for cloud applications. Libraries and SDKs support a common set of S3 API functions for connecting data over long distances, and under various new applications to scalable cloud storage and entwork conditions. It is natively integrated integrating your data into other services on the into Cloud Object Storage and there is no IBM Cloud Platform as well as IBM Watson services. IBM Cloud Object Storage is available with Regional, Cross Region and single site resiliency options worldwide.

Built-in Aspera high-speed transfer

With IBM Cloud Object Storage Aspera highspeed data transfer, you can improve data transfer performance by quickly transferring additional cost for uploading data.

Storage Classes and Archive Policy

Choose storage classes based on your usage patterns for active, less-active, and cold workloads with Standard, Vault, and Cold Vault bucket level using role-based policies. Key access with usage patterns that are hard to predict. For rarely used data that requires long- data security. term retention, simply set an Archive policy with our existing storage-class tiers allowing you to reduce costs even further with our lowest priced Archive storage.

Access and Key Management

IBM Identity and Access Management (IAM) policies allow for granular access control at the own managed encryption keys for higher level

Pricing Plan: Monthly Process shown above reflect the: United States

PLAN	FEATURES	PRICING			
Lite	1 COS Service Instance Storage up to 25 GB/mo. Up to 20,000 GET requests/mo. Up to 2,000 PUT requests/mo. Up to Data Retrieval 10 GB/mo. Up to 5GB Public Outbound Applies to aggregate total across all storage bucket classes	Free			
The Lite service plan for Cloud Object Storage includes Regional and Cross Regional resiliency, flexible data classes, and built in security.					
○ Standard	There is no minimum fee, so you pay only for what you use.	Expand each section to view details			



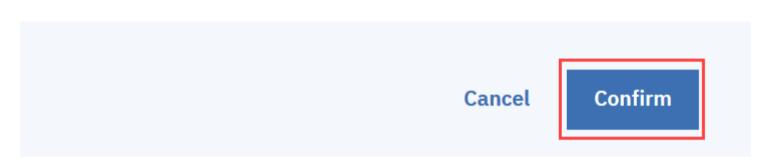
In the Confirm Creation box, click Confirm.



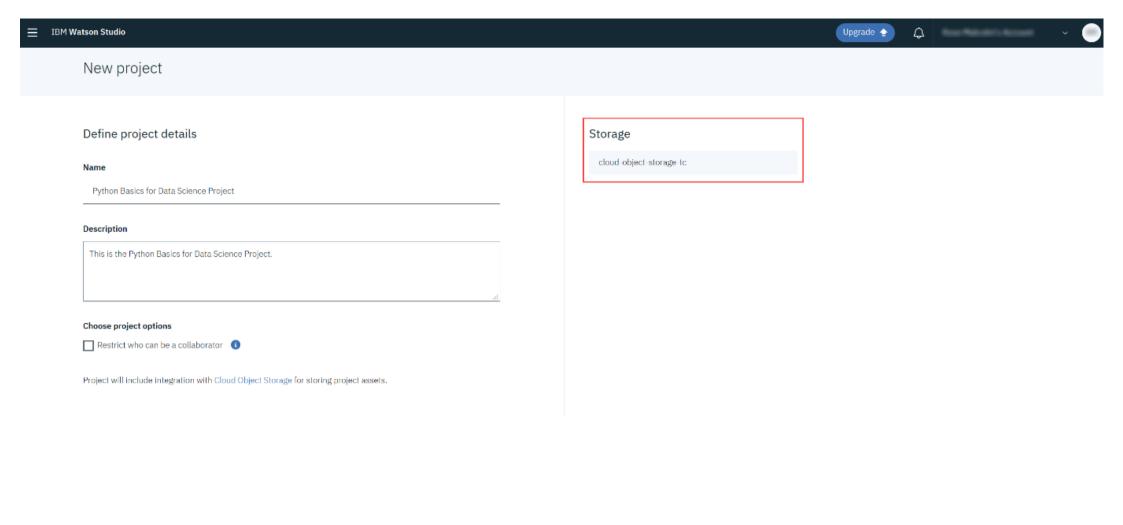


Confirm Creation

Plan Lite Resource group Default Service name cloud-object-storage-ai



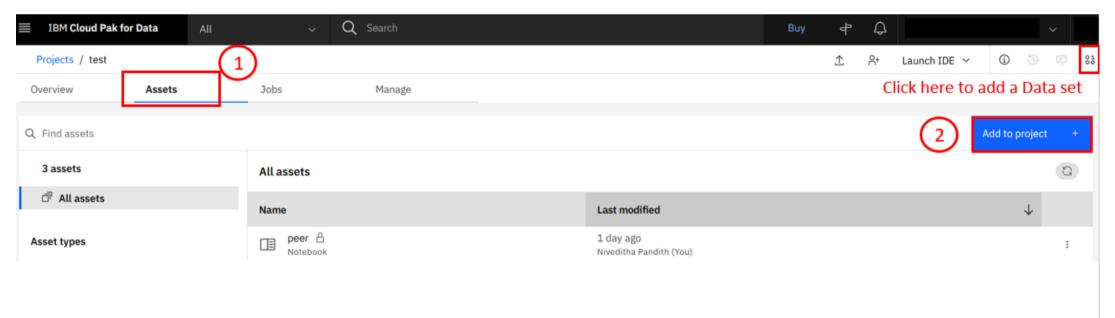
On the New project page, note that the storage has been added, and then click **Create.**



After creating the project continue with Step 3.

Step 3: Adding a Notebook to the Project:

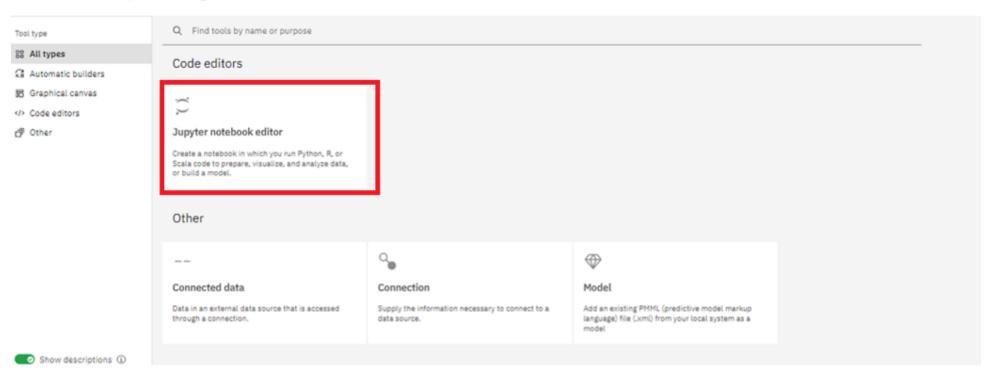
You need to add a Notebook to your project. Click Add to project.



In the list of asset types, click **Notebook:**

Add to project

Select the tool to create an operational or configuration asset.

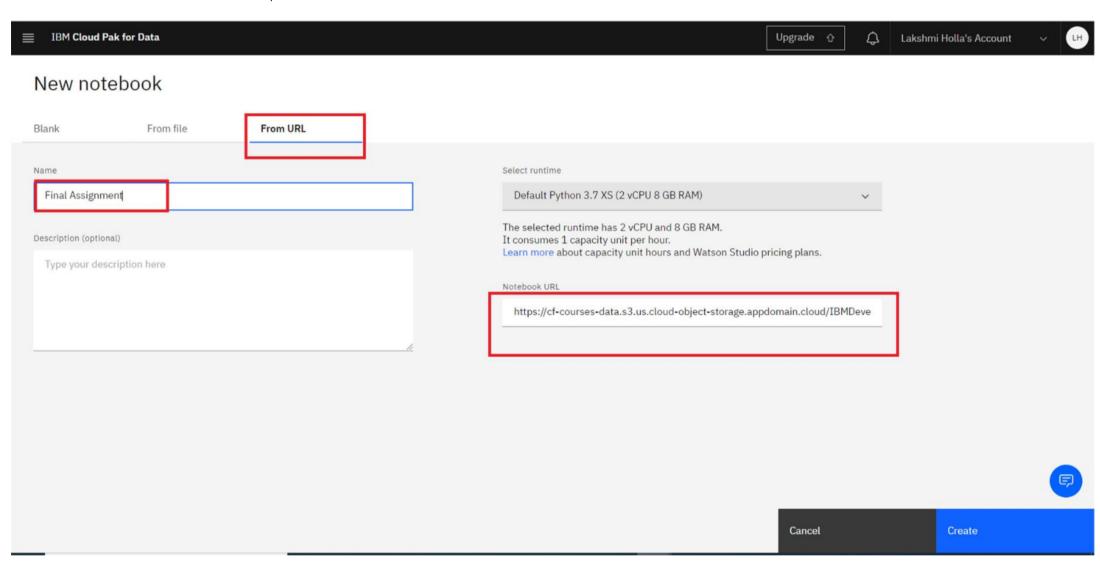


Note: Select the default Python as selected language.

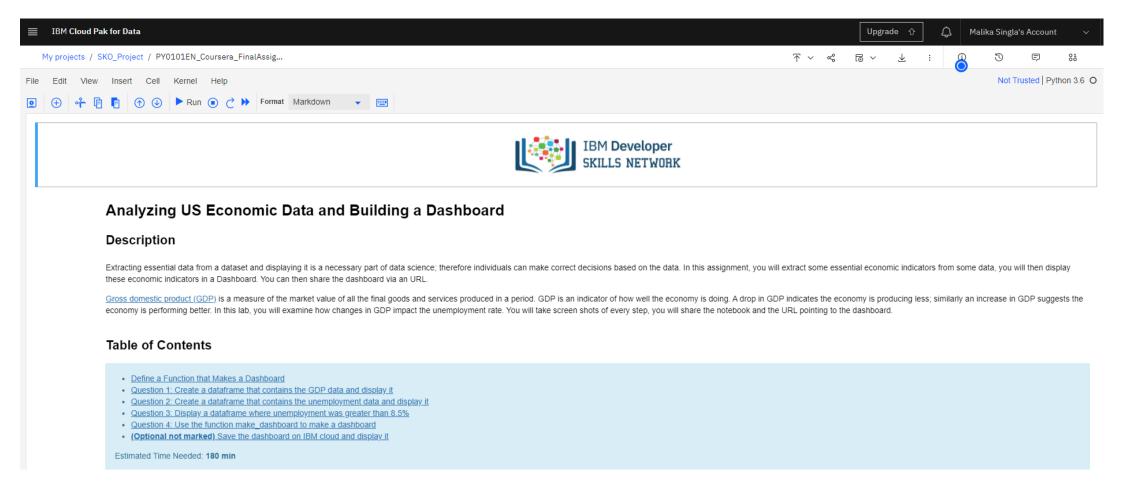
On the New Notebook page, enter a name for the notebook, and then click From URL.

Copy this link: Click here

Paste it into the **Notebook URL** box, and then click **Create Notebook**.



You will see this Notebook:



Author(s)

Joseph Santarcangelo

Change log

Date	Version	Changed by	Change Description
2020-11-18	2.2	Malika Singla	Updated the screenshot
2020-10-05	2.1	Malika Singla	Updated the Effort and Objective
2020-09-05	2.0	Malika Singla	Updated the screenshot

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