



## Lab: Creating a Watson Studio Project with Jupyter Notebooks

Objective for Exercise:

- How to create a Watson Studio service instance
- How to create a project in Watson Studio
- How to create project on Watson Studio
- How to create a notebook in Watson Studio.

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

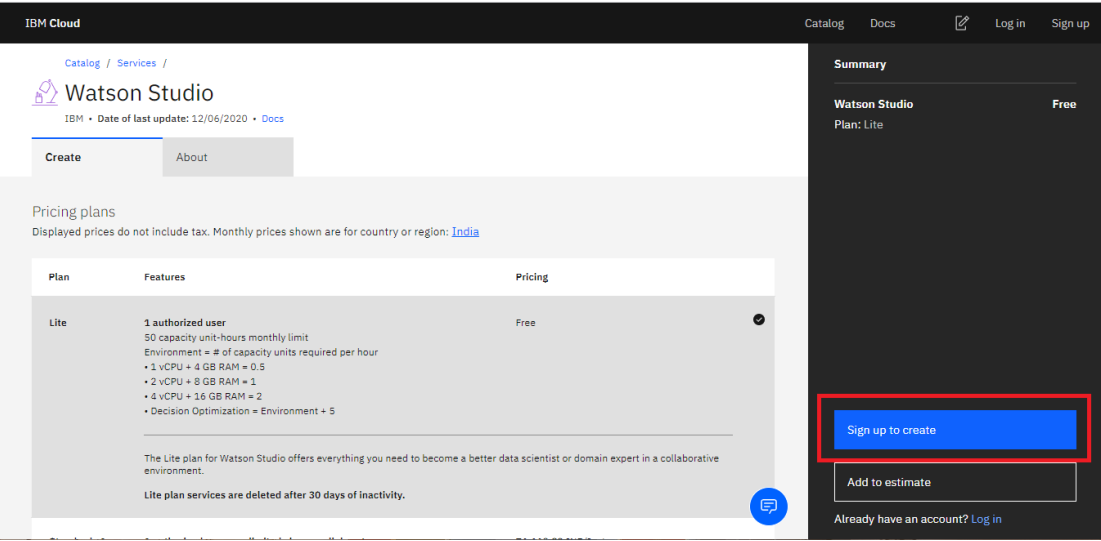
**Exercise** - Create a project on Watson Studio

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

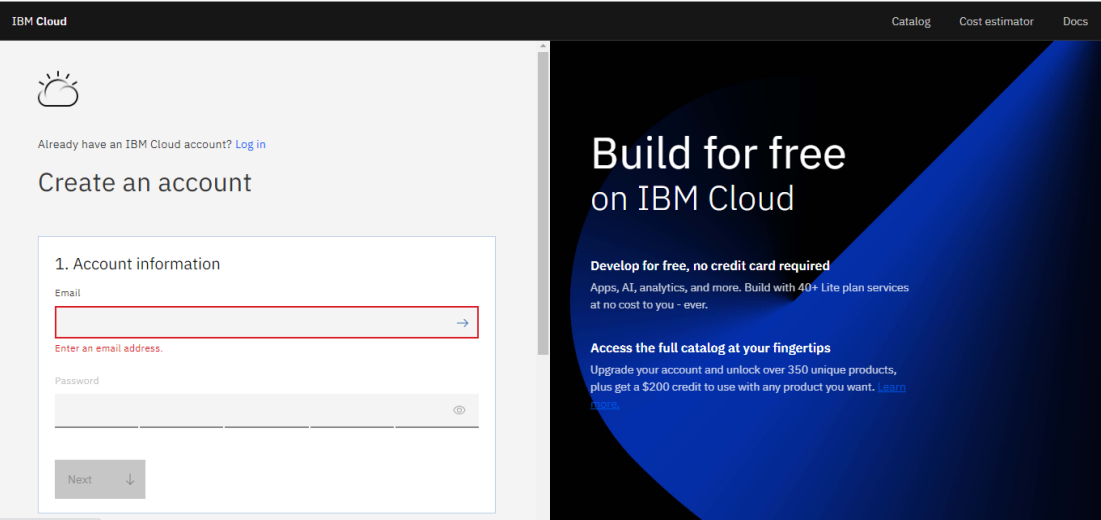
Go to the IBM Cloud Watson Studio page:

[Click here](#)

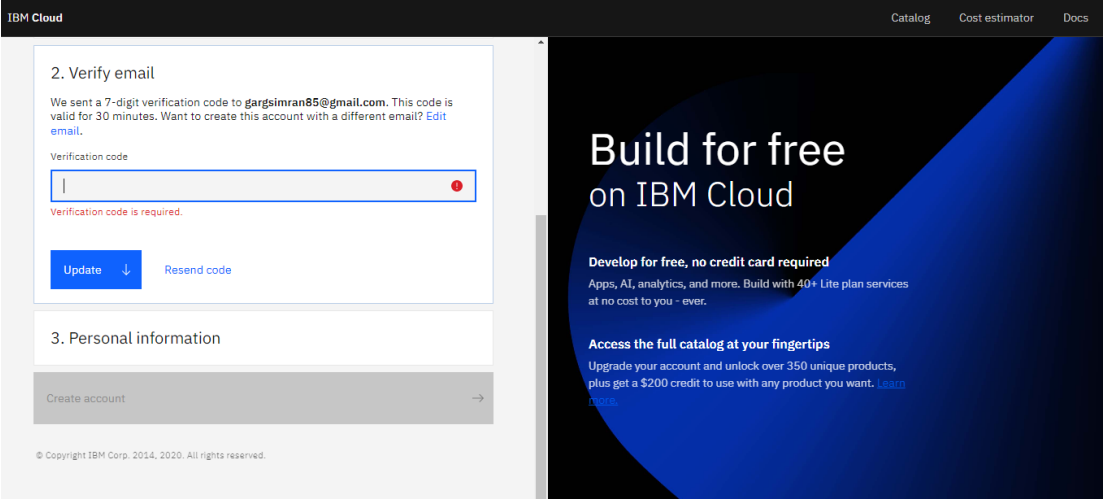
You will see the screen in the figure below. Click the option in the red box.



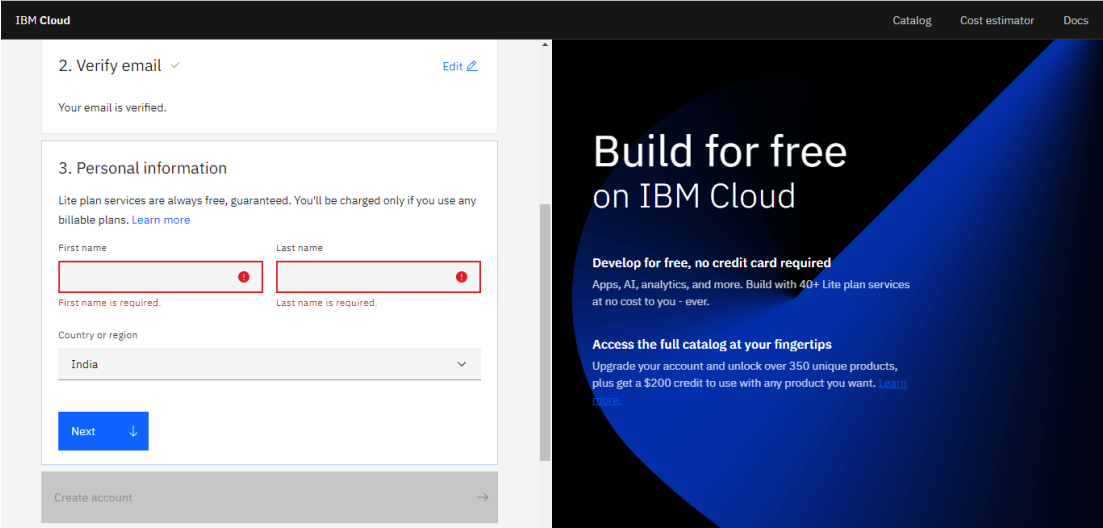
You will see the screen in the figure below. Enter **Email** and **Password** and the click **Next**.



Enter the verification code to verify email and click **Next**.

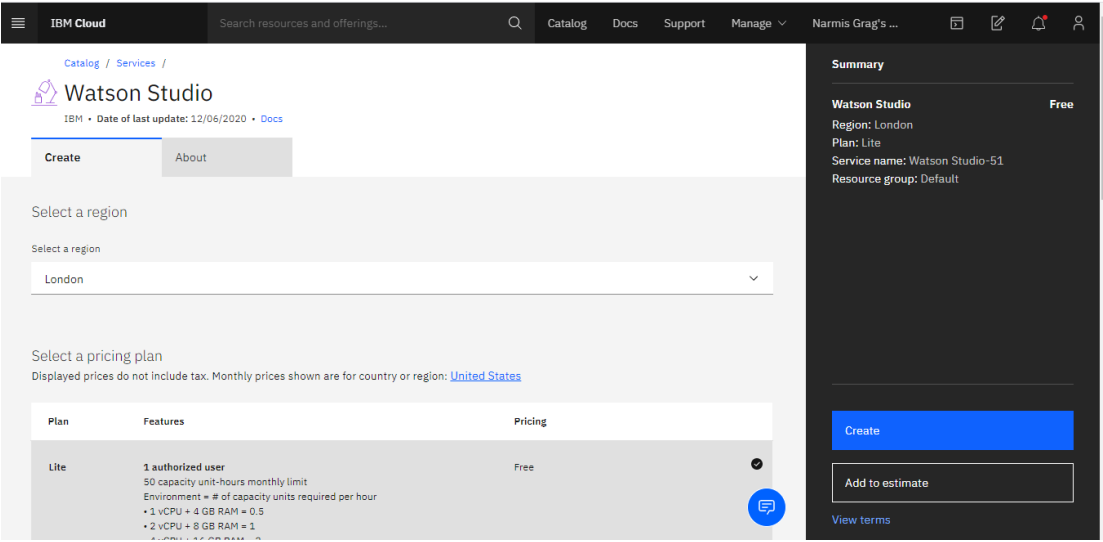


Enter your personal information and click **Next**.

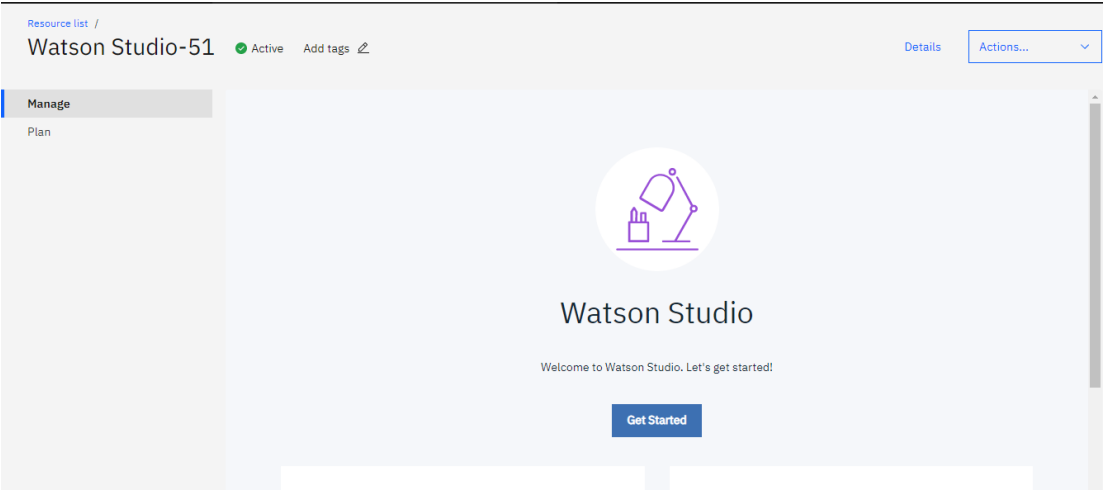


Accept the terms and conditions and click on **Create account**.

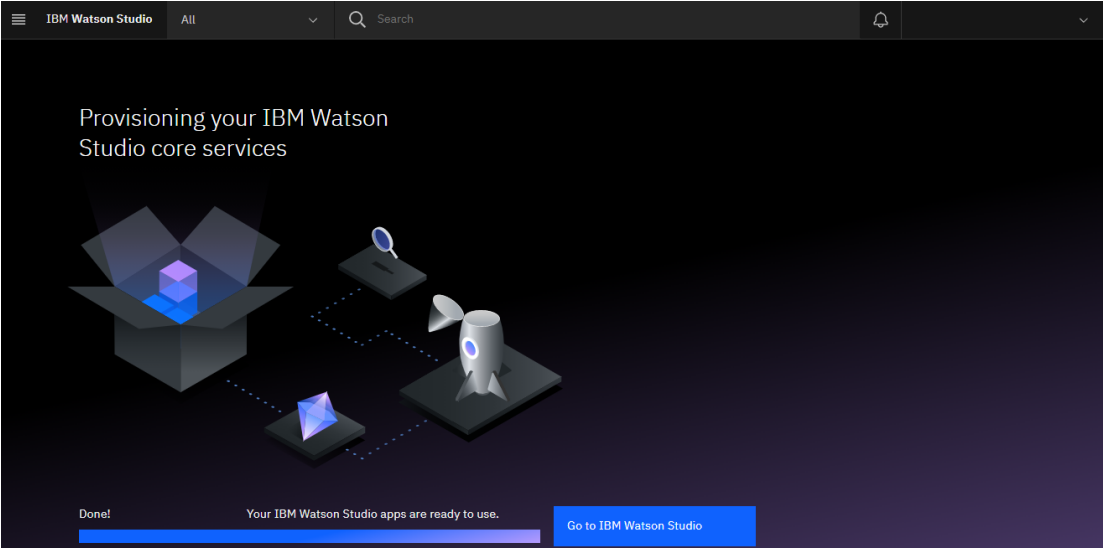
You will see the screen in the figure below. Click on the **Create** button.



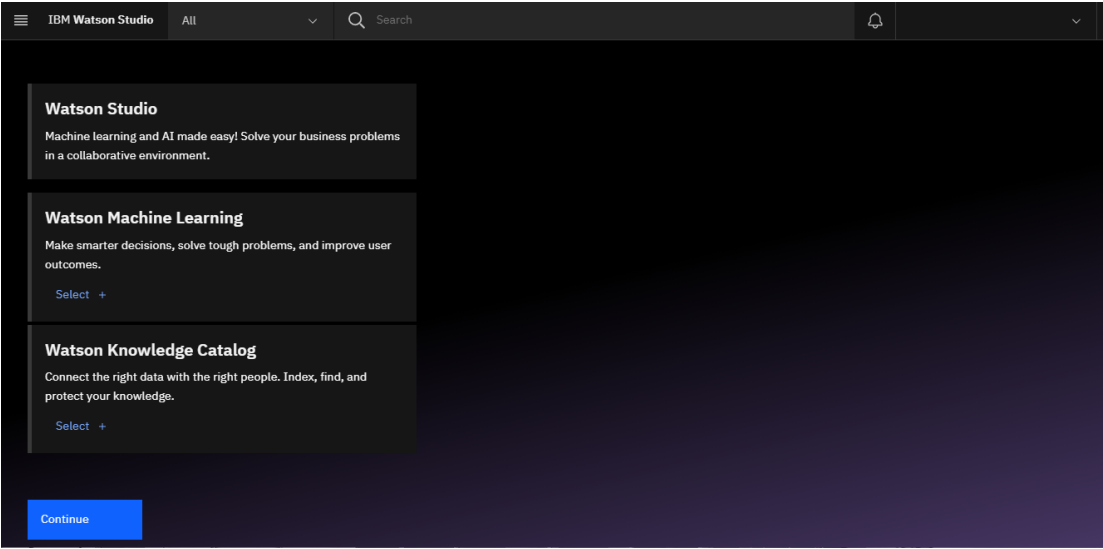
Now click **Get Started**.



Then click **Go to IBM Watson Studio**.



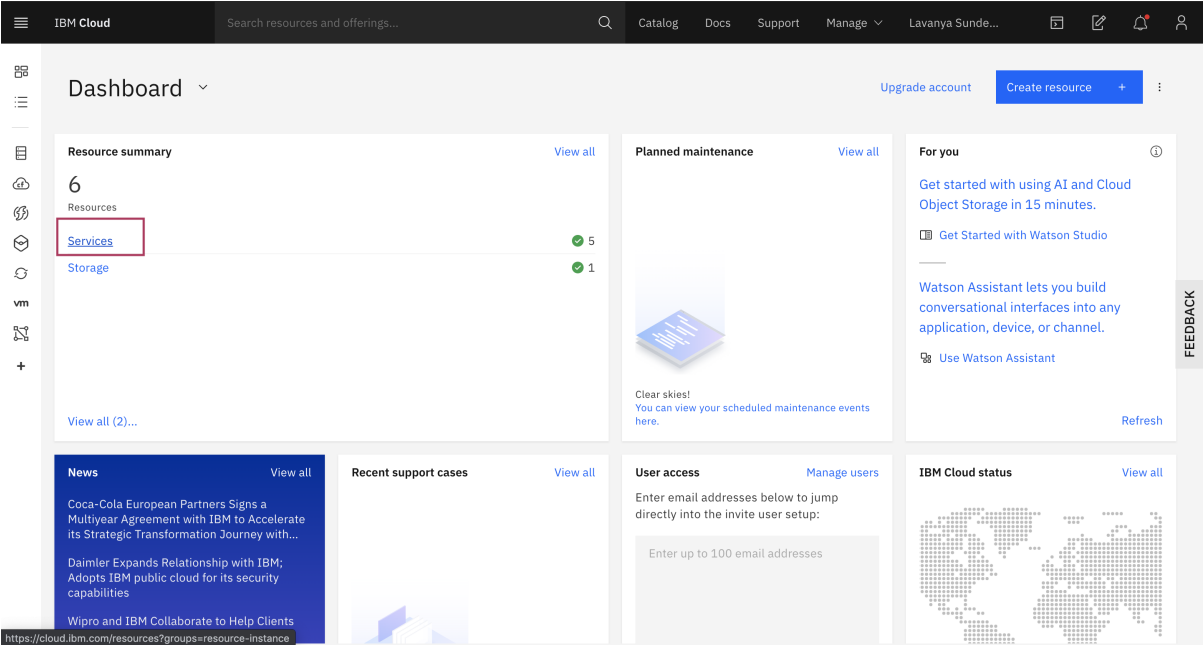
Then click **Continue**.



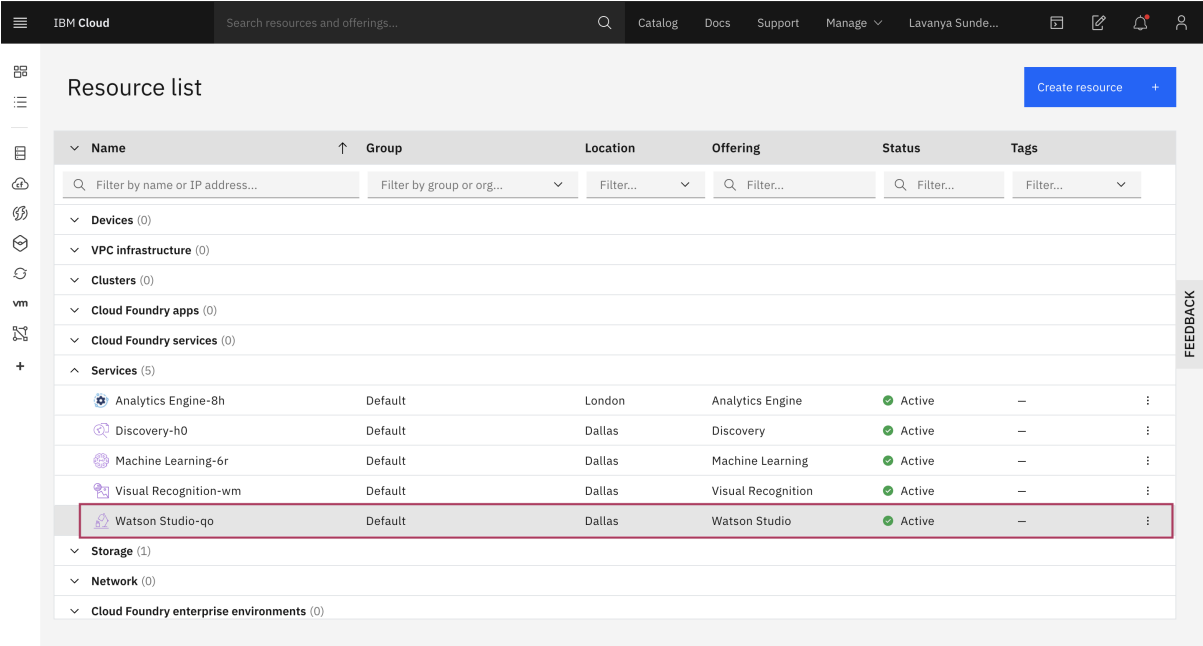
After creating the service continue with Step 2.

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

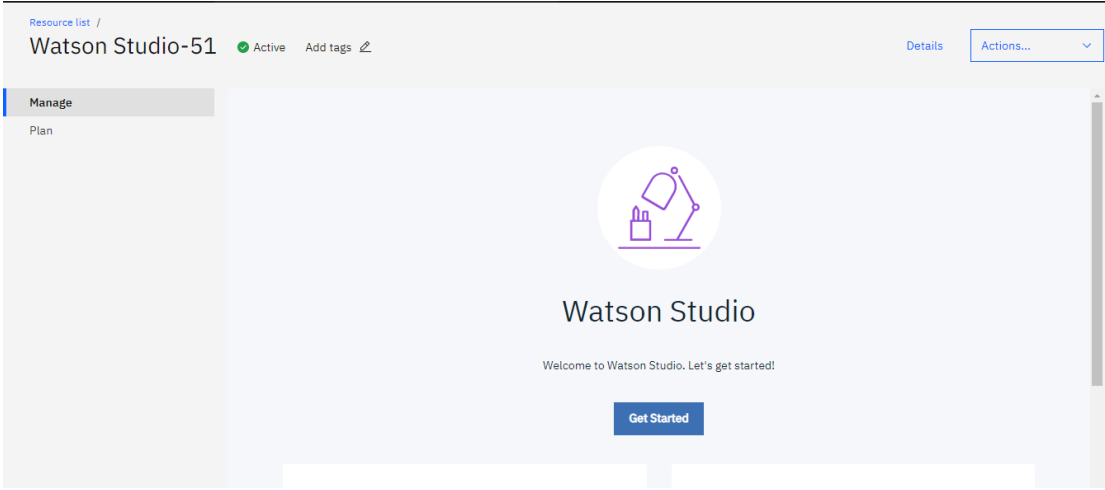
Go to the IBM Cloud Dashboard and click **Services**.



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



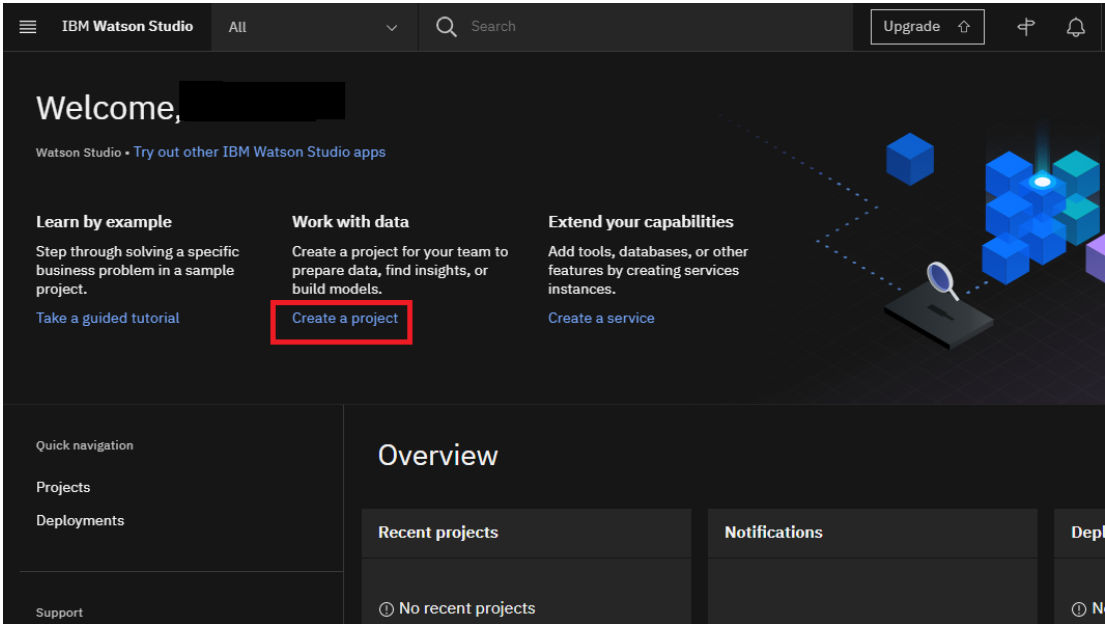
Then click **Get Started**.



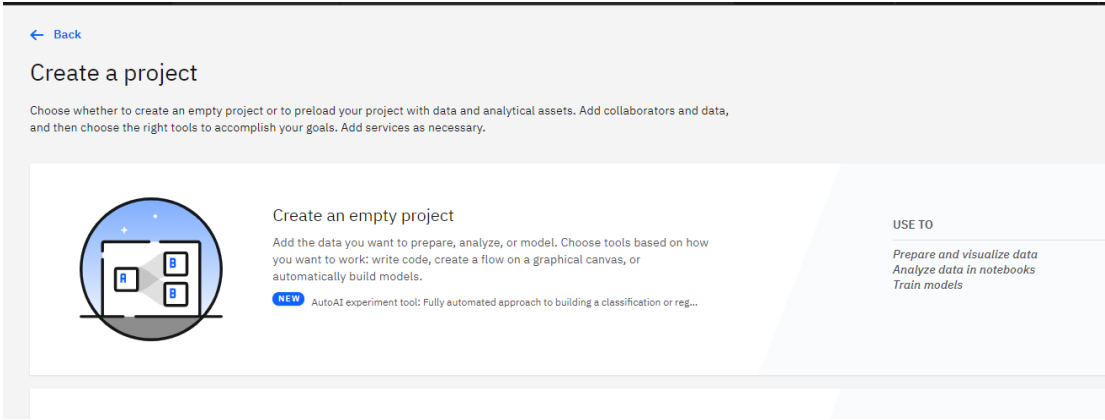
### Step 3: Creating a Project

Now you have to Create a project.

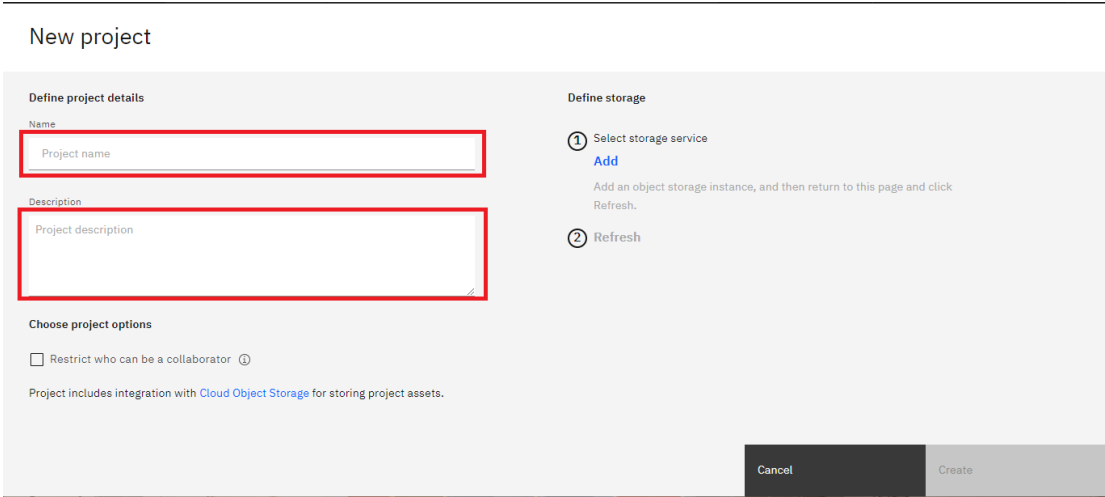
Click on **Create a project**.



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



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



You must also create storage for the project.

Click **Add**

New project

Define project details

Name

Project name

Description

Project description

Choose project options

☐ Restrict who can be a collaborator ⓘ

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

Define storage

1 Select storage service

Add

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

2 Refresh

Cancel

Create

On the Cloud Object Storage page, click **Create**.

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.	Free

Summary

Cloud Object Storage

Region: Global  
Plan: Lite  
Service name: Cloud Object Storage-xi  
Resource group: Default

Create

[View terms](#)

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

New project

Define project details

Name

Project name

Description

Project description

Choose project options

☐ Restrict who can be a collaborator ⓘ

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

Define storage

1 Select storage service

Add

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

2 Refresh

Cancel

Create

After creating the project continue with Step 4.

## Step 4: Adding a Notebook to the Project:

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

IBM Watson Studio

All

Search

Upgrade

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🔔

Projects / a

Launch IDE

Add to project

+

🔔

Overview

Assets

Environments

Jobs

Access Control

Settings

a

Last Updated: Nov 25, 2020

Readme

🔗

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Assets

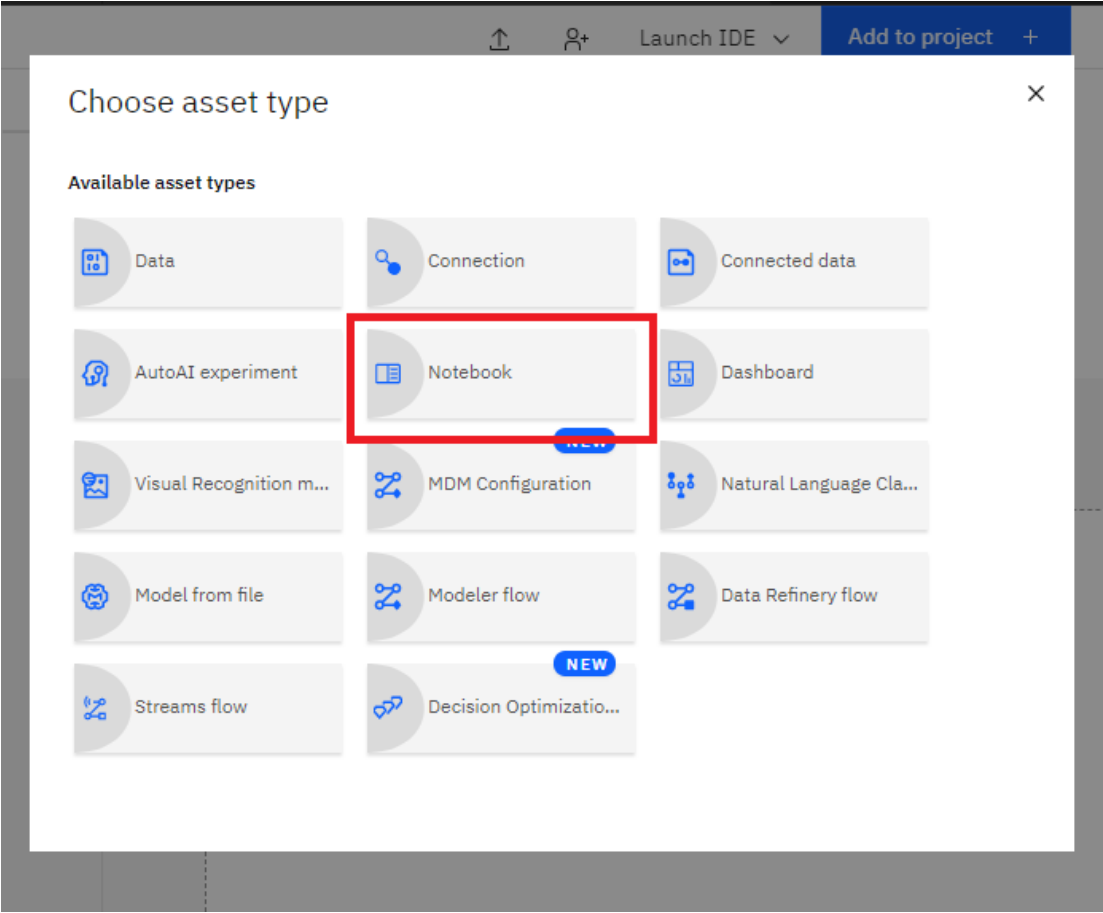
1

Collaborators

Overview

Recent activity

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



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

BlankFrom fileFrom URL

Name

Type notebook name here

Description (optional)

Type your description here

Select runtime

Default Python 3.7 XS (2 vCPU 8 GB RAM)

The selected runtime has 2 vCPU and 8 GB RAM.  
It consumes 1 capacity unit per hour.  
[Learn more](#) about capacity unit hours and Watson Studio pricing plans.

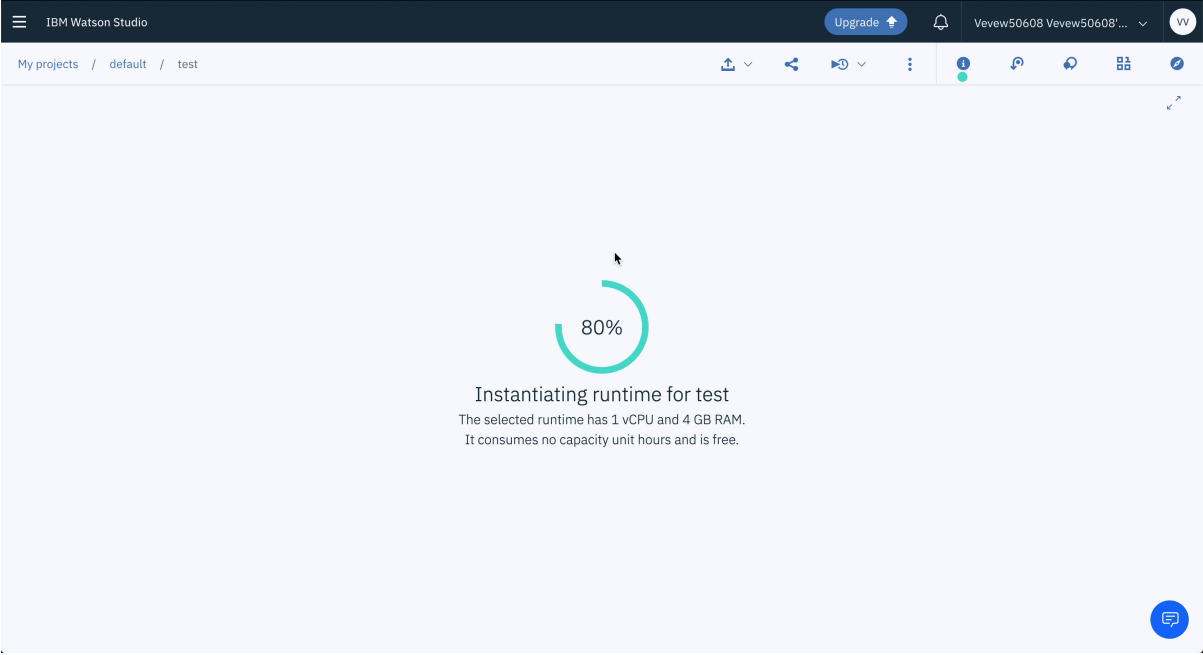
Language

☒ Python 3.7

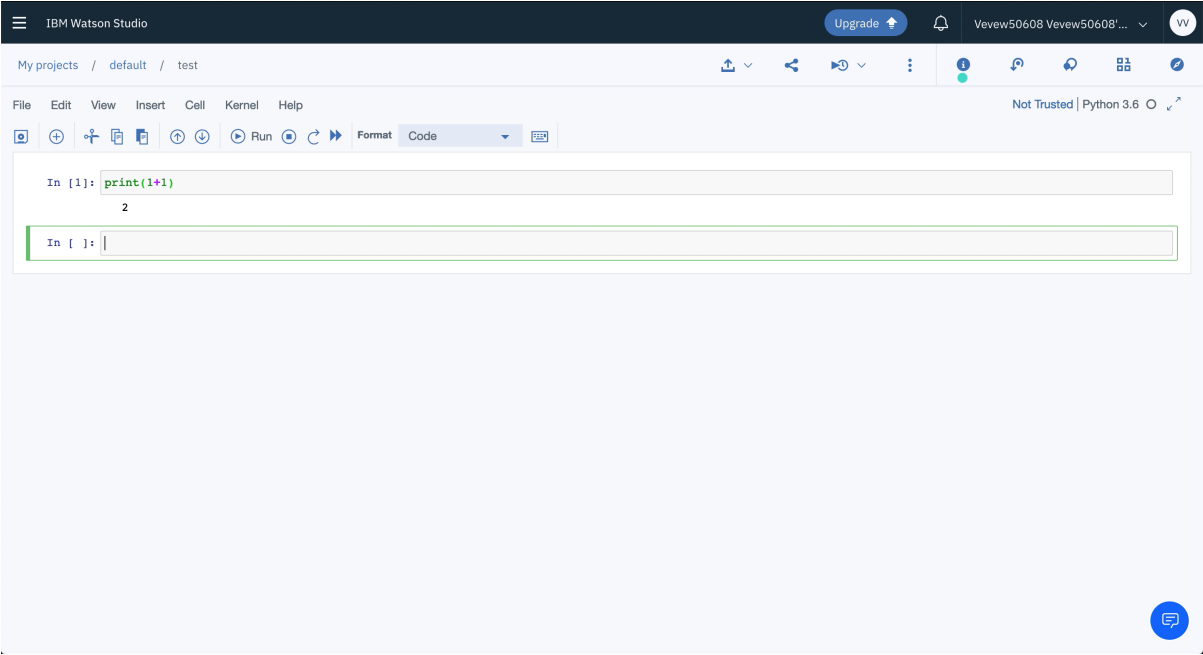
Cancel

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)

Romeo

## Changelog

Date	Version	Changed by	Change Description
2020-08-25	2.0	Migrated Lab to Markdown and added to course repo in GitLab	

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