



Estimated time needed: 40 minutes

In this lab you will explore Watson Studio

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

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: 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.



1. Go to the IBM Cloud Dashboard and click Services



Keynotes

Documentation

Learn about APIs, tutorials, and how to get the most out of the Python SDK.

Learning paths

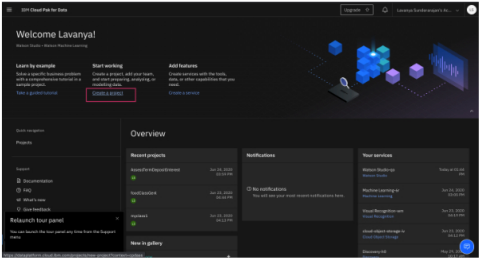
Get started with the Python SDK and learn how to use it.

Webinars

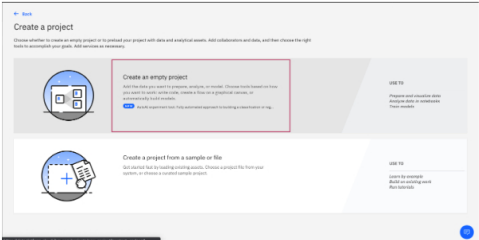
Watch videos from the Python SDK team and learn how to use it.

Task 3: Creating 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, as shown below:

Define project details

Name

Python Basics for Data Science Project

Description

This is the Python Basics for Data Science Project.

Choose project options

☐ Restrict who can be a collaborator

Define storage

Select storage service

Add

Methods

Methods

4. You must also create storage for the project. Click Add

Define project details

Name

Python Basics for Data Science Project

Description

This is the Python Basics for Data Science Project.

Choose project options

☐ Restrict who can be a collaborator

Define storage

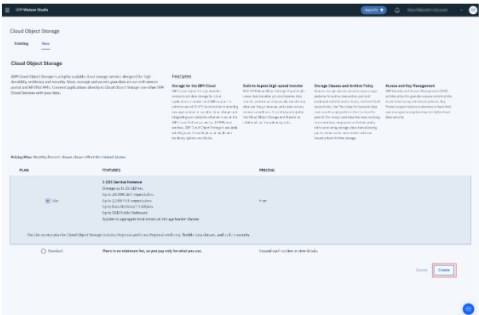
Select storage service

Add

Methods

Methods

5. On the Cloud Object Storage page, scroll down and then click Create.



6. In the Confirm Creation box, click Confirm.

Confirm Creation

Plan

Lite

Resource group

Default

Service name

cloud-object-storage-ai

Cancel

Confirm

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

Define project details

Name
New Project for Data Science Project

Description
This is the New Project for the Data Science Project

Share project settings
☒ Project settings are shared

Create

Task4: Adding a Notebook to the Project:

1. You need to add a Notebook to your project. Click on **Assets > New asset**.

Assets

Click here to add a Data set

Add asset

New project

Start adding assets

2. Scroll down and select Jupyter Notebook Editor:

Add to project

Find assets by name or project

Code editors

Jupyter notebook editor

Other

Connected data

Connection

Model

3. On the New Notebook page, enter a name for the notebook, and then click **From URL**. Copy this [link](#).

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

New notebook

From URL

Name
Pandas-Introduction

Notebook URL
https://storage.googleapis.com/gcp-downloads/pandas-introduction.ipynb

Create Notebook

You will see this Notebook:



Introduction to Pandas in Python

Estimated time needed: 15 minutes

Objectives

After completing this lab, you will be able to:

- Use Pandas to access and view data

Table of Contents

- About the Dataset
- Introduction to Pandas
- Viewing Data and Accessing Data
- Skills to Gain

Estimated time needed: 15 min

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