

Effort: 20 mins

Objective

In this lab, you will learn:

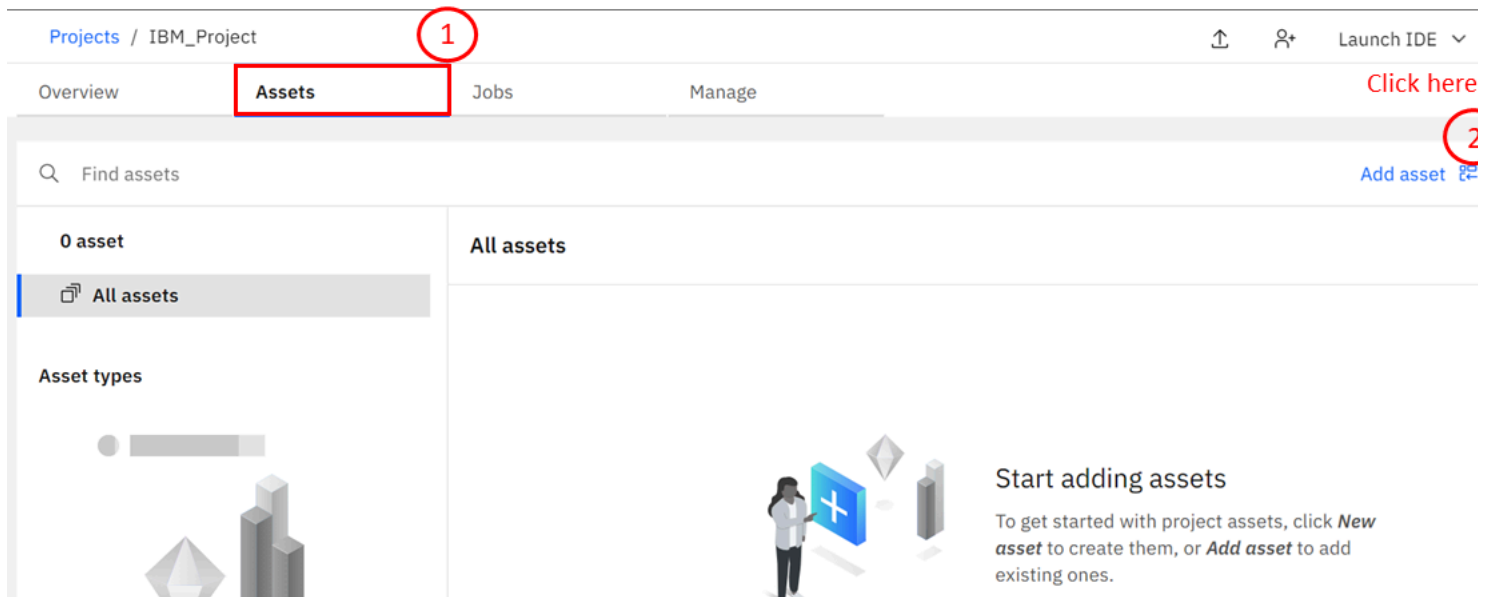
0. Import a Jupyter notebook in a Watson Studio Project
1. Perform the tasks in the Jupyter notebook

(Optional) Pre-requisite: IBM Watson Setup

If you have not created a Watson service and added a project in it, before proceeding with this lab please ensure you complete the previous lab: https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-PY0101EN-SkillsNetwork/labs/FinalModule_Coursera/IBM_Cloud_and_Watson_Setup.md.html

Step 1: Adding a Notebook to the Project:

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



Projects / IBM_Project

Overview **Assets** Jobs Manage

Find assets

0 asset

All assets

Asset types

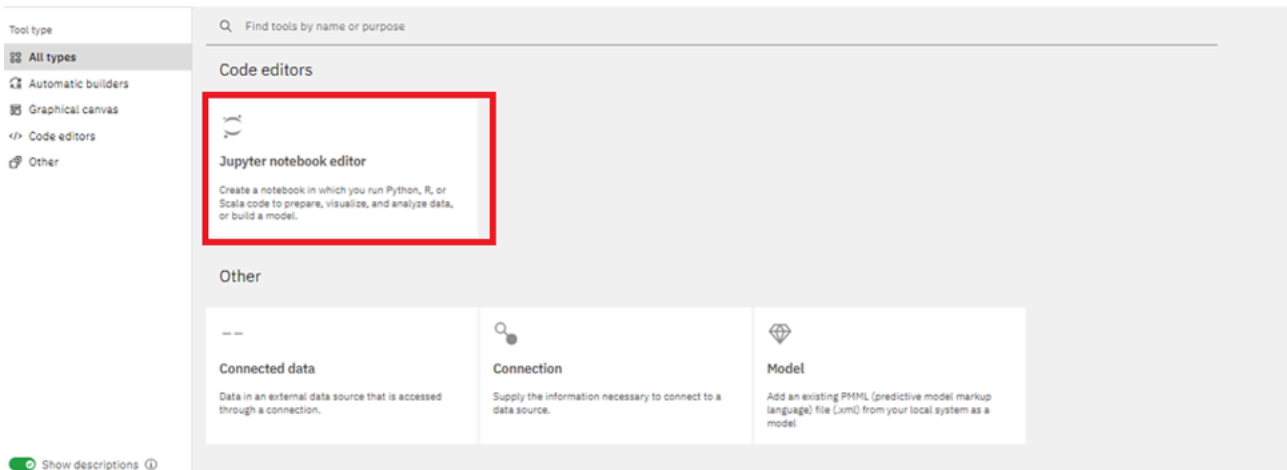
Start adding assets

To get started with project assets, click **New asset** to create them, or **Add asset** to add existing ones.

Scroll down and select **Jupyter Notebook Editor**:

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.

Paste the URL you copied from the previous reading in the course into the **Notebook URL** box, and then click **Create Notebook**.

New notebook

Blank From file **From URL**

Name

Final_Assignment

Description (optional)

Type your description here

Select runtime

IBM Runtime 22.1 on Python 3.9 XXS (1 vCPU)

The selected runtime has 1 vCPU and 4 GB RAM. It consumes 0.5 capacity units per hour. [Learn more](#) about capacity unit hours and Watson Studio.

Notebook URL

<https://cf-courses-data.s3.us.cloud-object-storage.com>

You will see a Notebook like this (the actual notebook may be different from the one shown in the screenshot below):



Extracting and Visualizing Stock Data

Description

Extracting essential data from a dataset and displaying it is a necessary part of data science; therefore individuals can make correct decisions based on the data. In this chapter, you will learn how to extract some stock data, and you will then display this data in a graph.

Table of Contents

- Define a Function that Makes a Graph
- Question 1: Use yfinance to Extract Stock Data
- Question 2: Use Webscraping to Extract Tesla Revenue Data

Author(s)

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Change log

Date	Version	Changed by	Change Description
2022-04-05	2.5	Malika Singla	Updated the screenshot
2022-02-22	2.4	Hema	Updated screenshots
2021-01-25	2.3	Rav Ahuja	Forked from original and removed hard coded notebook link
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