



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**.

The screenshot shows the IBM Watson Studio web interface. At the top, the breadcrumb "Projects / IBM_Project" is visible. Below it, a navigation bar contains "Overview", "Assets", "Jobs", and "Manage". The "Assets" tab is selected and highlighted with a red box and a red circle with the number "1". To the right of the navigation bar, there are icons for "Launch IDE" and a dropdown menu. Below the navigation bar, there is a search bar labeled "Find assets" and a blue button labeled "Add asset" with a red circle and the number "2" next to it. The main content area is divided into two sections: "0 asset" on the left and "All assets" on the right. The "All assets" section contains a large illustration of a person standing next to a blue cube with a plus sign, and a text box that says "Start adding assets" with instructions to click "New asset" or "Add asset".

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

Add to project

Select the tool to create an operational or configuration asset.

Tool type

Find tools by name or purpose

Code editors

Jupyter notebook editor

Create a notebook in which you run Python, R, or Scala code to prepare, visualize, and analyze data, or build a model.

Other

Connected data

Data in an external data source that is accessed through a connection.

Connection

Supply the information necessary to connect to a data source.

Model

Add an existing PMML (predictive model markup language) file (.xml) from your local system as a model.

Show descriptions ⓘ

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.

Notebook URL

https://cf-courses-data.s3.us.cloud-object-st

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

