Peer-graded Assignment: Create and Share Your Jupyter Notebook

Effort: 20 mins

Objective:

In this final assignment, you will be able to learn:

0. Creating a Jupyter Notebook using Skills Network LTI item or Watson Studio environment.

1. Create Markdown cells.

Instructions

Congratulations on finishing all three modules of this course. This week, you'll work on your final assignment which will be graded by your peers.

This course introduced you to multiple data science tools, and in this final project, you will use Jupyter Notebook, one of the easiest tools to share publicly.
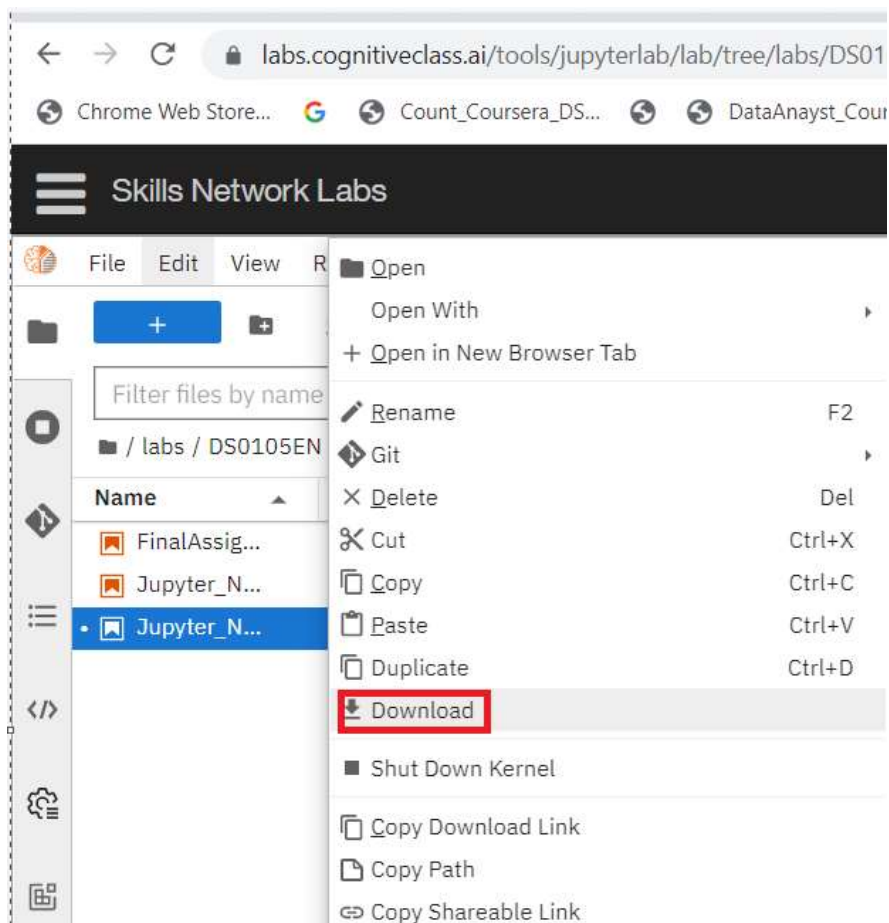
Include at least 6 cells:

- **Cell 1 (rendered as Markdown)**: The title should be "My Jupyter Notebook on IBM Watson Studio", in H1 header styling. The title does not need to be centered.

- **Cell 2 (rendered as Markdown)**: Include your name, in bold characters. In the line below your name, write your current or desired occupation in regular font.

- **Cell 3 (rendered as Markdown)**: In italic formatting, write one or two sentences about why you are interested in data science. For example, you can start your first sentence with "I am interested in data science because ...".

- **Cell 4 (rendered as Markdown)**: In H3 header styling, explain in a short sentence what your code is supposed to do in Cell 5.

- **Cell 5 (code cell)**: Your code, as described in Cell 4. It must be executed and must display an output. Try to keep the code simple (it can even be "1 + 1").

- **Cell 6 (rendered as Markdown)**: Using Markdown or HTML, this cell must include at least 3 of the following: horizontal rule, bulleted list, numbered list, tables, hyperlinks, images, code/syntax highlighting, blocked quotes, strikethrough.

Steps to Complete the assignment in SkillsNetwork Lab.

Follow the above mentioned instructions and complete the lab.

Once you complete the lab you can download the notebook as follows:

- Select the notebook which is displayed in the left Navigation pane.

- Right click on it and click on the Download option.

- Your notebook gets downloaded.

Later upload to GitHub by following the instructions in the reading [Getting Started with GitHub](#).

Further in the MySubmission tab of the assignment paste the **GitHub link** of the notebook in the URL textbox.
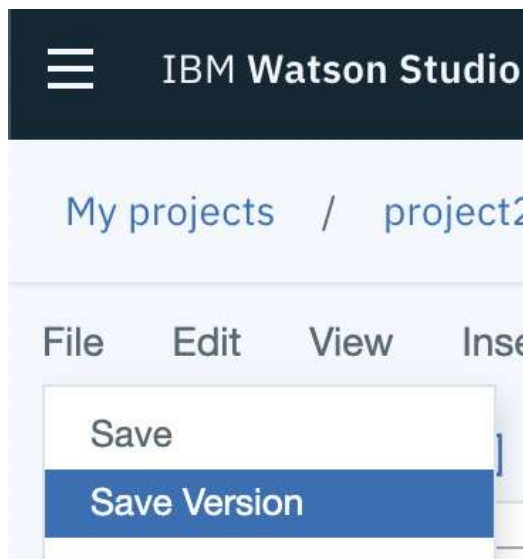
Steps to Complete the assignment in Watson Studio.

Leveraging Jupyter Notebook on IBM Watson Studio, you will create your own Jupyter Notebook (in English) and share it via a public link.
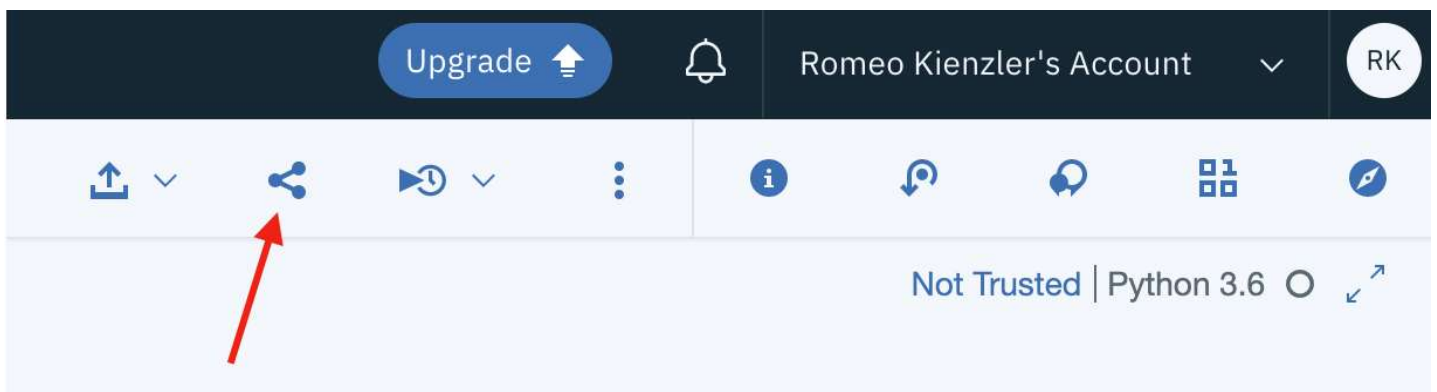
How to generate a publicly viewable share link for your Jupyter Notebook:

Step 1. With a Jupyter Notebook open on Watson Studio, first ensure that you have saved the Notebook, by going to "File", then "Save", as shown below.

How to generate a publicly viewable share link for your Jupyter Notebook:

Step 2. Click on the Share button, as shown below:

Step 3. Choose the following settings as shown below, to retrieve your public link to your Jupyter Notebook:

Share: corona_etl ✕

Share a read-only view of this notebook.

Share with anyone who has the link.

🟢

Cell content

◯ Only text and output

◯ All content excluding sensitive code cells

⦿ All content, including code

ⓘ If your notebook includes credentials for data sources, you might want to remove such sensitive data from the notebook or hide it (see option 2). A version is saved for your notebook. The link always points to the most recent version of the notebook.

Permalink to view notebook

https://dataplatform.cloud.ibm.com/analytics/notebooks/v2/c648974f-7ceb-494e-a6 ▢

Share on social media.

🐦 in

Step 4. To ensure that everyone else can view your Notebook, you can visit the link yourself from an incognito or private window.
Alternatively, you can log out of your Watson Studio account and try to visit the link and ensure you can see the content.

File   Edit   View   Insert   Cell   Kernel   Help

Format   Markdown

My Jupyter Notebook on IBM Watson Studio

Romeo Kienzler

100% Human

> *I am interested in data science because I love to gain insights from data*

The following code tests the Gauss formula

```
In [4]: def gauss(n):
            return (n*(n+1))/2

        gauss(100) == sum(range(101))
```

```
Out[4]: True
```

- one
- two
- three
- one
- two
- three

Markdown	Less	Pretty
Still	renders	**nicely**
1	2	3

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Author(s)

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Change log

Date	Version	Changed by	Change Description
2020-09-05	2.0	Malika Singla	Migarted to GitLab
2022-06-20	2.1	Lakshmi Holla	Changed Final assignment Instructions