

Importing notebooks by
accessing this github resource
and import data on Watson
Studio

Under “My projects” either search for the project or directly select from the list

Steps to create a notebook

IBM Watson Studio

Step1 : go to the project

New +

All my projects

New project +

Name	Role	Storage	Collaborators	Creator	Date created
Platinum_Colleges_FDP	Admin	COS	SK	Sattwati Kundu	20 Jul 2020

Show more

IBM Watson Studio

New +

All my projects

New project +

Name	Role	Storage	Collaborators	Creator	Date created
Platinum_Colleges_FDP	Admin	COS	SK	Sattwati Kundu	20 Jul 2020
TBI_2_1_AI_Model	Admin	COS	SK AJ RN +2	Sattwati Kundu	22 Jan 2020
Ginny Bot - Draft Datasets1	Editor	COS	SK DJ HS +3	Santhosh Kumar	28 Jul 2019
AI-a-thon-Webinar	Admin	COS	SK AR	Sattwati Kundu	11 Jun 2019
AI-a-thon	Admin	COS	SK AR JD	Sattwati Kundu	3 Jun 2019

IBM Watson Studio

My projects / Platinum_Colleges_FDP

Overview Assets Environments Jobs Deployments Access Control Settings

Upgrade ▾ Launch IDE ▾ Add to project +

step2 Click on “Add to project” to add a notebook

step3 Select “Notebook”

IBM Watson Studio

Upgrade IBM SK

New notebook

Blank From file **From URL** Click on “From URL” to add the notebook from github

Name Type notebook name here Select runtime Default Python 3.6 XS (2 vCPU 8 GB RAM) Select the default runtime

Description (optional) **step4** Type your description here

Notebook URI Remote notebook served by HTTP or HTTPS Paste the URL from github here

step7

Copy this URL and paste

sattwati / Platinum-colleges-FDP

Code 0 0 0

Platinum-colleges-FDP / notebook / Experiment_Notebooks.ipynb Go to file ...

sattwati Create Experiment_Notebooks.ipynb Latest commit 92ba483 22 hours ago History

1 contributor

1208 lines (1208 sloc) 41.6 KB

In [1]: `import types
import pandas as pd
from botocore.client import Config
import ibm_boto3` Click on “Raw”

In [2]: `# @hidden_cell
The following code accesses a file in your IBM Cloud Object Storage. It includes your credentials.
You might want to remove those credentials before you share your notebook.

def __iter__(self): return 0`

Out[2]: `df_data_1 = pd.read_csv('data')
df_data_1.head()`

Out[2]:

Relative_compactness	X1	X3	X4	X5	X6	X7	X8	Y1	Y2
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Raw looks like this

step5

step6

New notebook

Blank

From file

From URL

Name

FDP_Experiment_Notebooks

Select runtime

Default Python 3.6 XS (2 vCPU 8 GB RAM)

▼

Description (optional)

Type your description here

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.

Notebook URL

rcontent.com/sattwati/Platinum-colleges-FDP/master/notebook/Experiment_Notebooks.ipynb

After giving the name and URL, the “Create” gets activated.

Click on “Create” to create the notebook in WS

step8

Cancel

Create

IBM Watson Studio

Steps to edit a notebook and import data

My projects / Platinum_Colleges_FDP

Overview Assets Environments Jobs Deployments Access Control Settings

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Data

Files Connections

Upload one file at a time. All file types accepted. 5 GB max file size.

Drag and drop files here or upload.

step1

Name Shared Scheduled Status Language Last editor Last modified

- FDP_Experiment_Notebooks
- FDP_Steel_Plates_Faults
- FDP_Steel_Plates_Faults copy 1

Click on the created notebook

step2

Click on the “Edit” icon to edit the notebook

step3

Find and add data

Not Trusted Python 3.6

In [1]: import types
import pandas as pd
from botocore.client import Config
import ibm_boto3

In [2]: #hidden_cell
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In [1]: import types
import pandas as pd
from botocore.client import Config
import ibm_boto3

In [2]: #hidden_cell
The following code accesses a file in your IBM Cloud Object Storage. It includes your credentials.
You might want to remove those credentials before you share your notebook.
def __iter__(self): return 0

df_data_1 = pd.read_csv(body)
df_data_1.head()

step4

Building_Energy_Prediction.csv

Insert to code

pandas DataFrame Credentials

Click on “Insert to code”
Pandas DataFrame

Click on the “Fill and add data” icon to add data

Drag and drop the csv from local

Once you generated the pandas Dataframe from previous step, you should have created the code as you see in these 2 cells with your own IBM Cloud Object Storage credentials and hence you don't need the existing 2 (these were placeholders), delete these.

My projects / Platinum_Colleges_FDP / FDP_Experiment_Notebooks

File Edit View Insert Cell Kernel Help Not Trusted | Python 3.6 ↗

In [1]:

```
import types
import pandas as pd
from botocore.client import Config
import ibm_boto3
```

In [2]:

```
@hidden_cell
# The following code accesses a file in your IBM Cloud Object Storage. It includes your credentials.
# You might want to remove those credentials before you share your notebook.

def __iter__(self): return 0

# add missing __iter__ method, so pandas accepts body as file-like object
if not hasattr(body, "__iter__"): body.__iter__ = types.MethodType( __iter__, body )

df_data_1 = pd.read_csv(body)
df_data_1.head()
```

Out[2]:

```
[...]
```