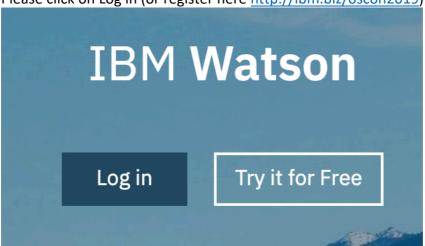
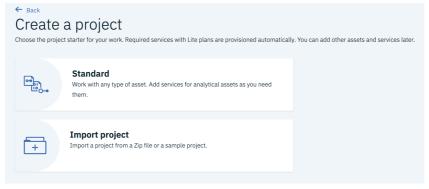
- 1. Please open URL <a href="https://dataplatform.cloud.ibm.com/">https://dataplatform.cloud.ibm.com/</a>
- 2. Please click on Log in (or register here <a href="http://ibm.biz/oscon2019">http://ibm.biz/oscon2019</a>)



3. Please create a new project



4. Please click on "Standard"



5. Please enter "default" as project name

Define project details

Name

default

Description

Project description

## Choose project options

- Restrict who can be a collaborator (i)
- 6. Please add a storage service by clicking on "Add"

## Define storage

Select storage service

## Add

Add an object storage instance and then return to this page and click Refresh.

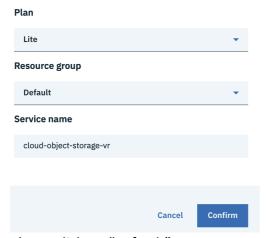
2 Refresh

7. Please scroll down on the service creation page, keep "Lite" plan selected and click on "Create"



8. Please click on "Confirm"

**Confirm Creation** 



9. Please click on "Refresh"

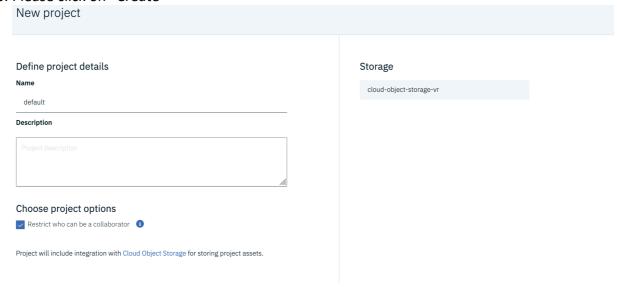
Define storage

Select storage service

Add an object storage instance and then return to this page and click Refresh.

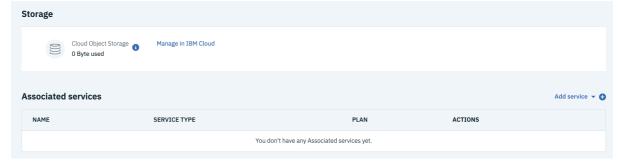
(2) Refresh

## 10. Please click on "Create"

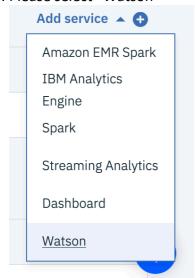


Create Cancel 11. Please click on "Settings" **≡** IBM Watson Studio Upgrade 🚖 My Projects / default Launch IDE 🗸 + Add to project <u>"</u> +0 Overview Assets Environments Jobs Bookmarks Deployments Access Control Settings

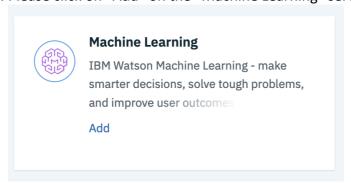
12. Please click on "Add service"



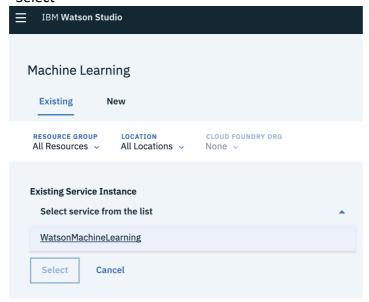
13. Please select "Watson"



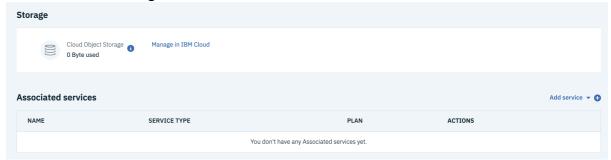
14. Please click on "Add" on the "Machine Learning" service



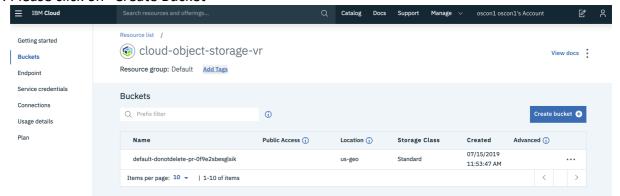
15. Please select "WatsonMachineLearning" from the dropdown and then click in "Select"



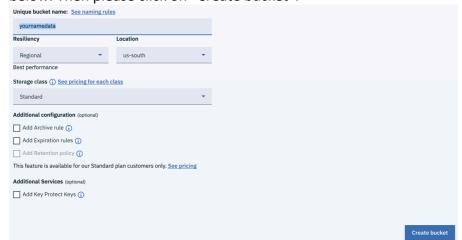
16. Please click on "Manage in IBM Cloud"



17. Please click on "Create Bucket"

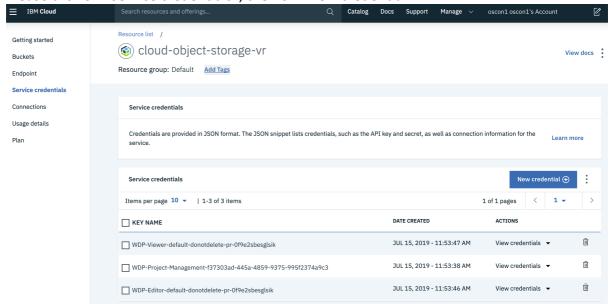


18. Please create a new bucket called "yournamedata", please replace "yourname" with your name or any other unique identifier. Please keep all other values as illustrated below. Then please click on "Create bucket".

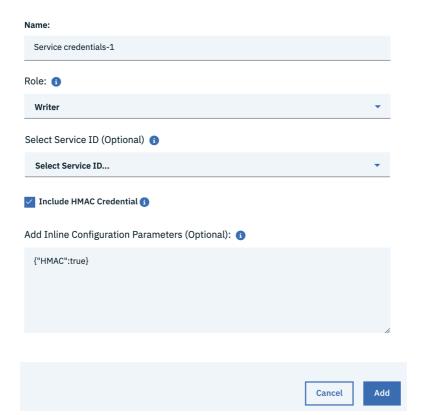


19. Please repeat the previous two steps to create a bucket called, "yournameresults", please, again, replace "yourname" with your name or any other unique identifier.

20. Please click on "Service credentials", then on "New credential"

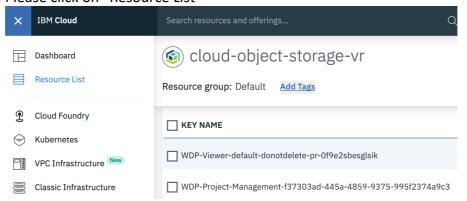


21. Please make sure that "Include HMAC Credential" is checked, then click on "Add" Add new credential



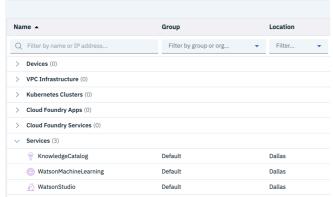
22. On the "Service credentials-1" row, please click on "View credentials". Please use the symbol to copy the credentials to your clip board. Using a text editor (e.g. notepad) please store this credentials as cloud\_object\_store.json

23. Please click on "Resource List"

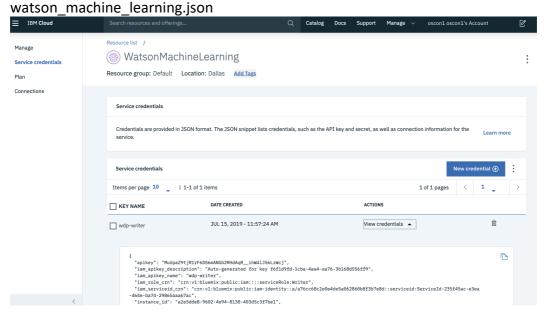


24. Please click on "WatsonMachineLearning"

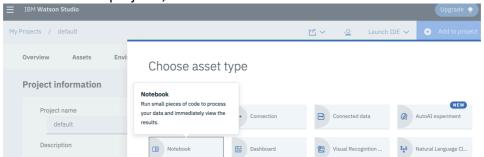
Resource list



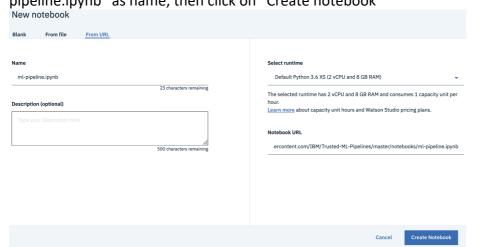
25. Please click on "Service credentials", then on "View credentials" in the wdp-writer row. Please use the symbol to copy the credentials to your clip board. Using a text editor (e.g. notepad) please store this credentials as



26. Please re-visit the browser tab containing the "Watson Studio" application. Please click on "Add to project", then select "Notebook"



27. Please select the "fromURL" tab and paste the following URL to the "Notebook URL field" <a href="https://raw.githubusercontent.com/IBM/Trusted-ML-Pipelines/master/notebooks/ml-pipeline.ipynb">https://raw.githubusercontent.com/IBM/Trusted-ML-Pipelines/master/notebooks/ml-pipeline.ipynb</a>, please also enter "ml-pipeline.ipynb" as name, then click on "Create notebook"



28. Please find the notebook cell containing the "wml\_creds" variable and replace it with the contents of the file watson\_machine\_learning.json you've created previously

29. Please find the notebook cell containing the "cos\_creds" variable and replace it with the contents of the file cloud\_object\_store.json you've created previously

```
In [ ]: cos_creds={
    "apikey': ",
    "cos_hmac_keys": {
        "access_key_id": ",
        "secret_access_key': ""
    },
    "endpoints": ",
    "iam_apikey_description": "",
    "iam_apikey_name": "",
    "iam_role_crn': "",
    "iam_role_crn': "",
    "iam_serviceid_crn": "",
    "resource_instance_id": ""
}
```

30. Please find the notebook cell containing the "cos\_info" variable and yournamedata and yournameresults with the bucket names you've created previously

```
In [ ]: cos_info={
    'endpoint': 'https://s3.us-south.cloud-object-storage.appdomain.cloud',
    'data_bucket': 'yournamedata',
    'result_bucket': 'yournameresults'
}
```

Please go ahead and run the notebook from top.