

DATE 19 November 2022
TEAM ID PNT2022TMID05981
PROJECTNAME Crude Oil Price Prediction

REGISTERING ON IBM AND TRAINING THE MODEL


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← 7/1 → ↻ https://dataplatform.cloud.ibm.com/analytics/notebooks/v2/4d62fd05-a3c7-4278-9c77-cbd6a1399f74?projectId=dc...
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In [192]: ## IBM WATSON Deployment

In [193]: pip install ibm_watson_machine_learning watson-machine-learning-client | grep -v 'already satisfied'

In [194]: from ibm_watson_machine_learning import APIClient
wml_credentials = {
    "url": "https://us-south.ml.cloud.ibm.com",
    "apikey": "Zu1mUY3pWakxdsd1WnxI0UcbIrK1593rELfPkoLmJM8X"
}
client = APIClient(wml_credentials)

In [195]: def guid_from_space_name(client, space_name):
space = client.spaces.get_details()
return(next(item for item in space['resources'] if item['entity']['name'] == space_name)['metadata']['id'])

In [196]: space_uid = guid_from_space_name(client, 'model')
print("Space - {}".format(space_uid))
Space - 96f2c14a-ab58-473d-b306-13b0bb073d55

In [197]: client.set.default_space(space_uid)
Out[197]: 'SUCCESS'

In [198]: client.software_specifications.list()

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NAME                               ASSET_ID                                TYPE
default_py3.6                      0062b8c9-8b7d-44a0-a9b9-46c416adcdb9  base
kernel_spark3.2-scala2.12          020d69ce-7ac1-5e68-ac1a-31189867356a  base
pytorch-onnx_1.3-py3.7-edt        069ea134-3346-5748-b513-49120e15d288  base
scikit_learn_0.20-py3.6           09c5a1d0-9c1e-4473-a344-eb7b665ff687  base
spark-mllib_3.0-scala_2.12        09f4cff0-90a7-5899-b9ed-1ef348aebdee  base
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https://dataplatform.cloud.ibm.com/ml-runtime/spaces/96f2c14a-ab58-473d-b306-13b0bb073d55/deployments?co...
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