IBM Cloud - Machine Learning model deployment and user data integration

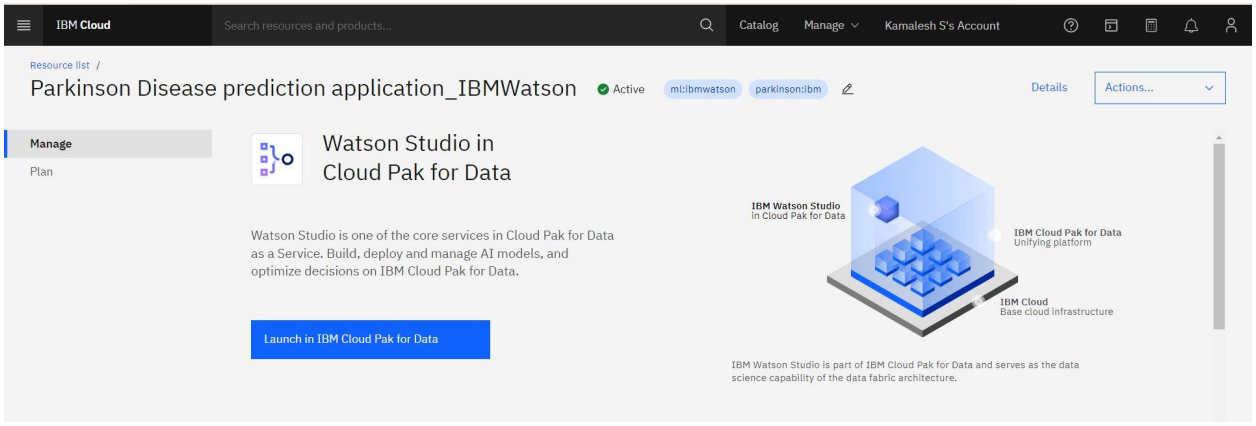
In this document, we deployed our created machine learning model of Parkinson's Disease into IBM Watson Machine Learning workspace of the cloud. And the user's data has been linked into IBM db2 database service from the react presentation of application

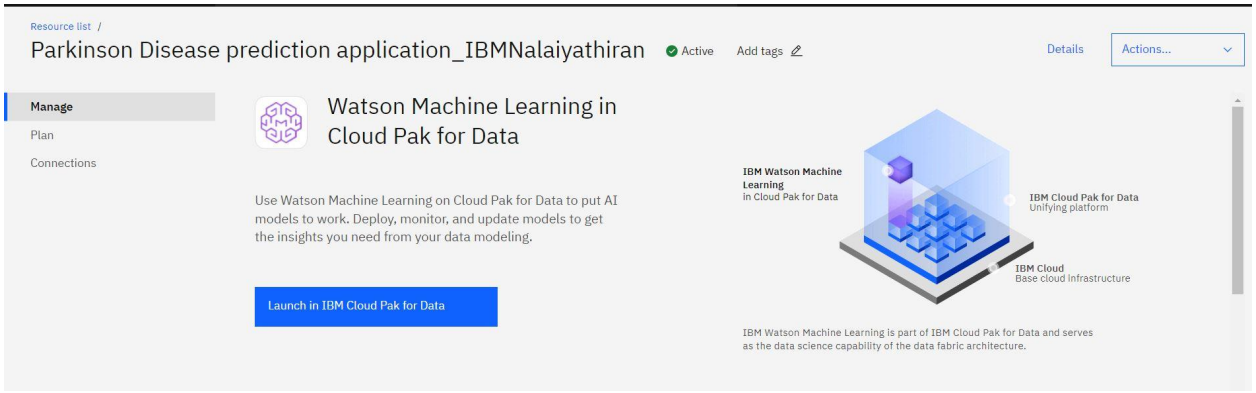
Project Name : Detecting Parkinson's Disease using Machine Learning
Cloud service used : IBM Cloud Console

The cloud operations has been represented below:

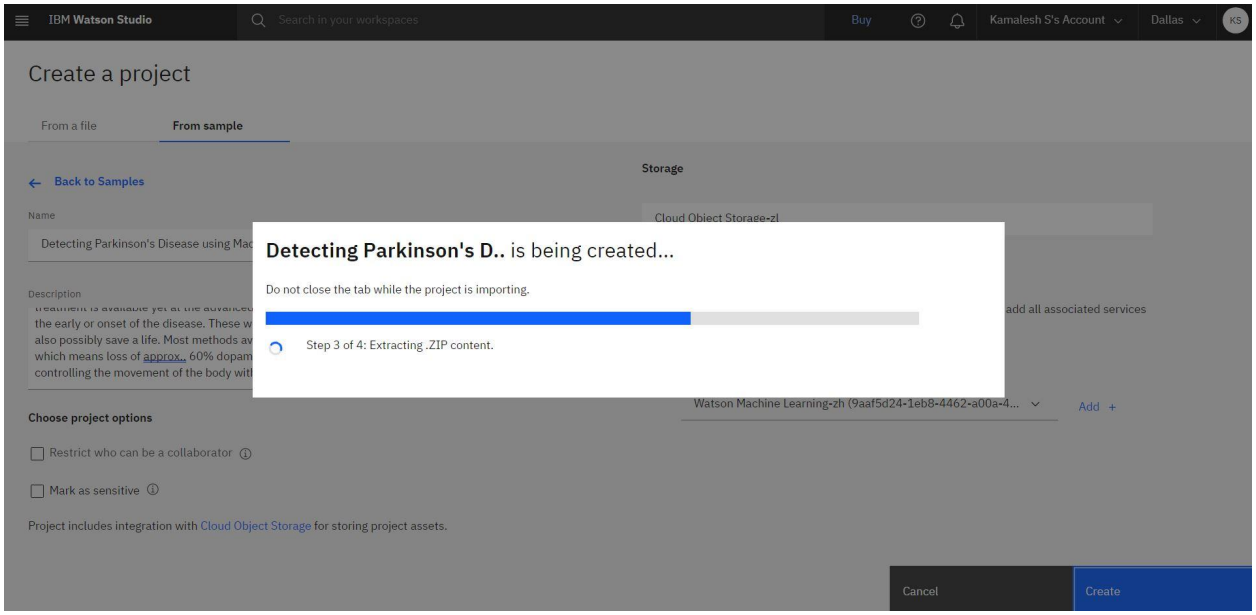
Machine Learning model registration and deployment initiation process:

Operation 1)

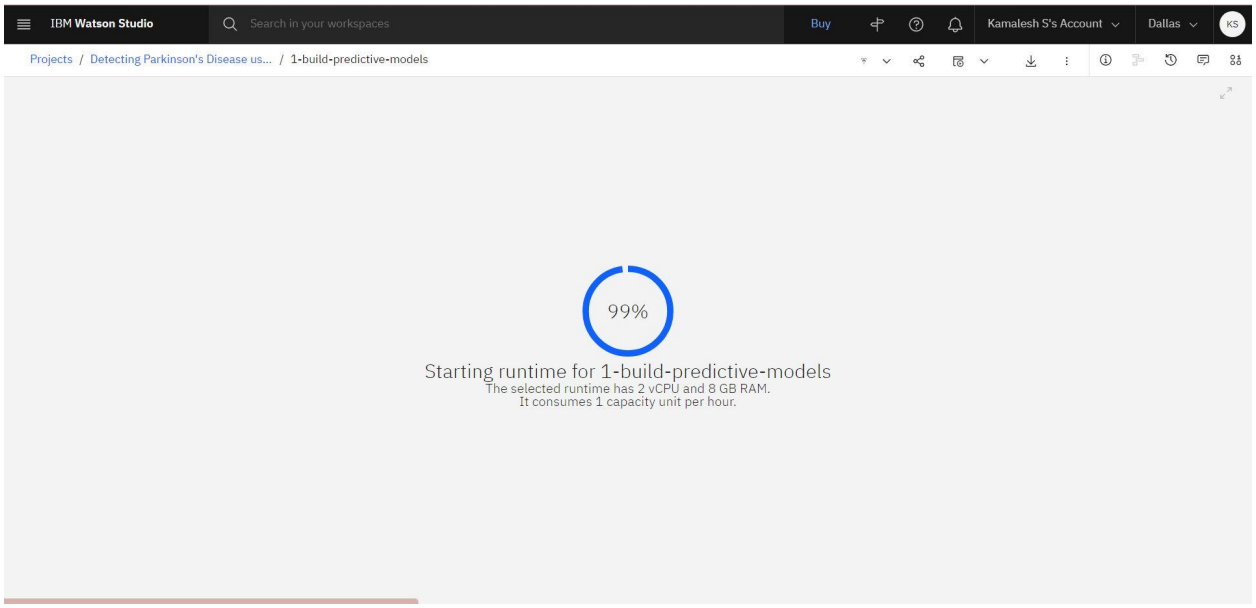




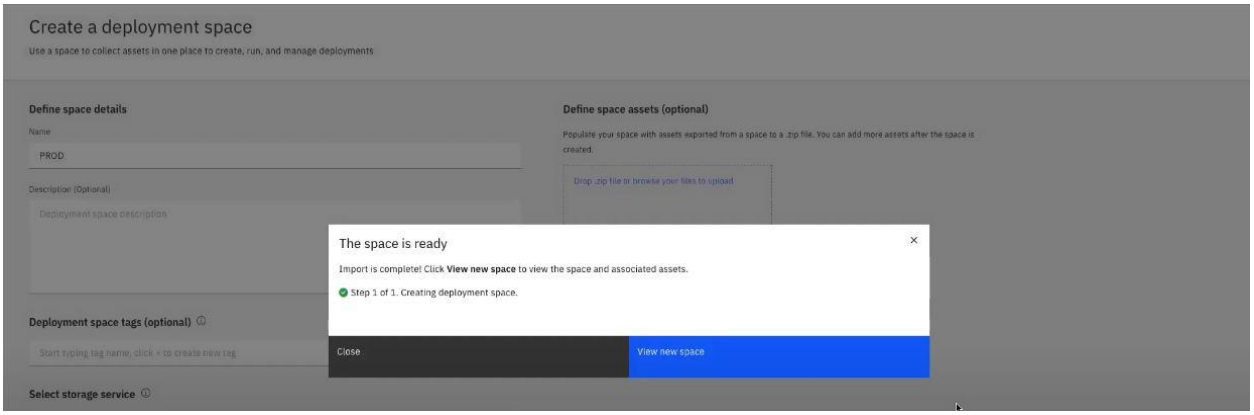
Operation 2)



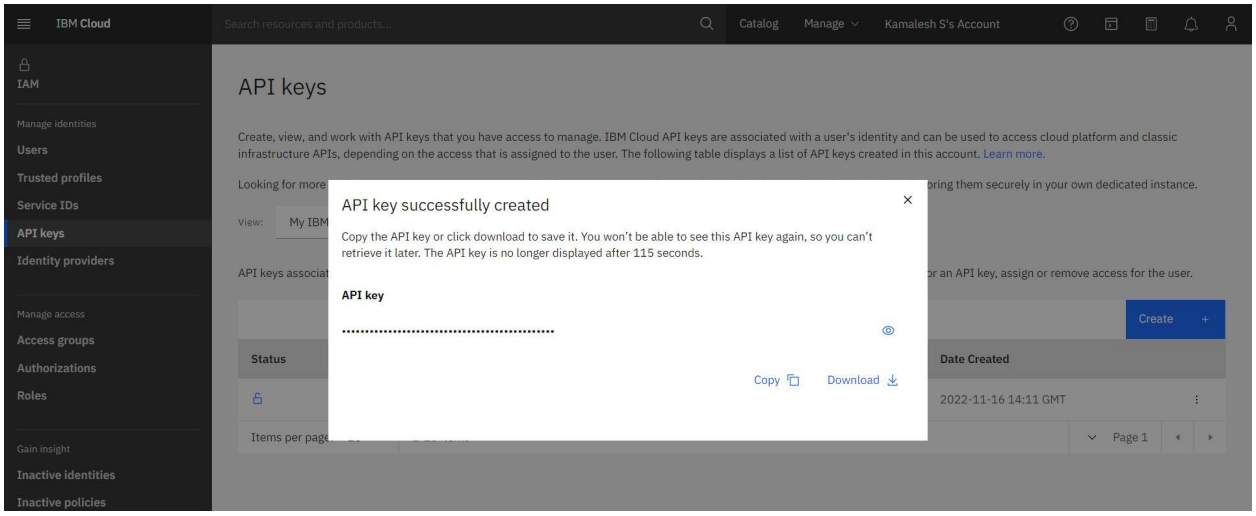
Operation 3)



Operation 4)



Operation 5)

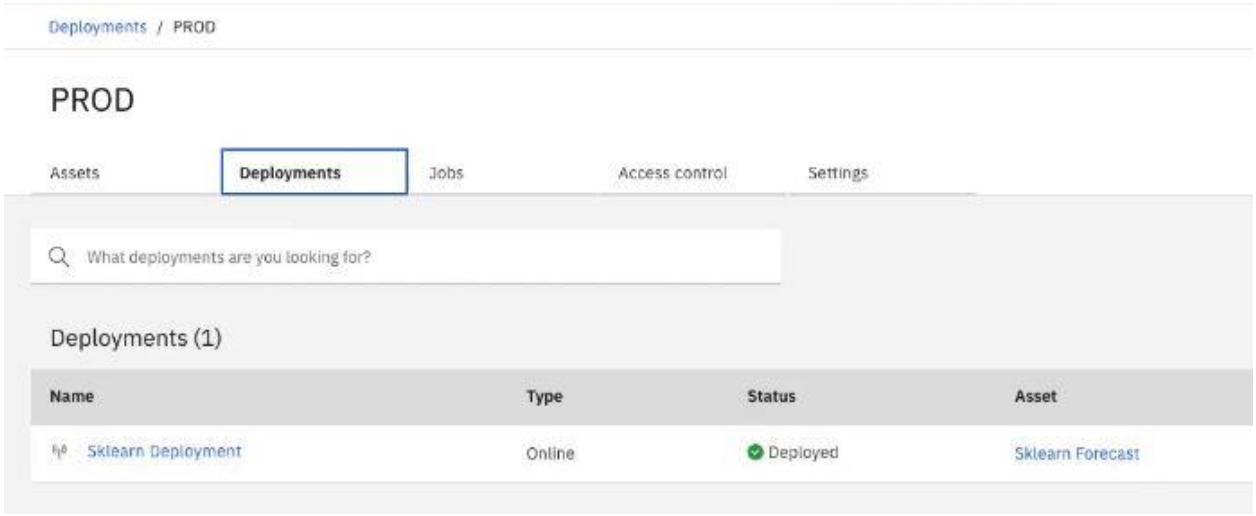


Operation 6)

```
# Set meta
deployment_props = {
    wml_client.deployments.ConfigurationMetaNames.NAME:DEPLOYMENT_NAME,
    wml_client.deployments.ConfigurationMetaNames.ONLINE: {}
}

# Deploy
deployment = wml_client.deployments.create(
    artifact_uid=model_uid,
    meta_props=deployment_props
)

# Output result
deployment
```

```
#######################################################################################

Synchronous deployment creation for uid: '6717965d-bf1b-492f-9374-b9791915c168' started

#######################################################################################


initializing
ready


-----------------------------------------------------------------------------------------------
Successfully finished deployment creation, deployment_uid='01c279a5-21aa-41a2-92ae-5cfac2ad5d59'
-----------------------------------------------------------------------------------------------
```

Operation 7)



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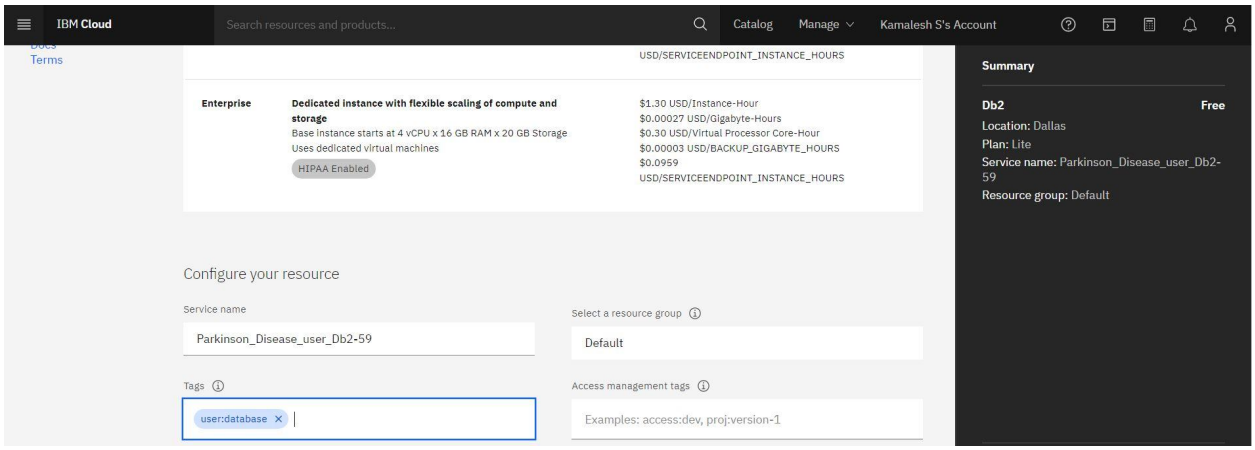
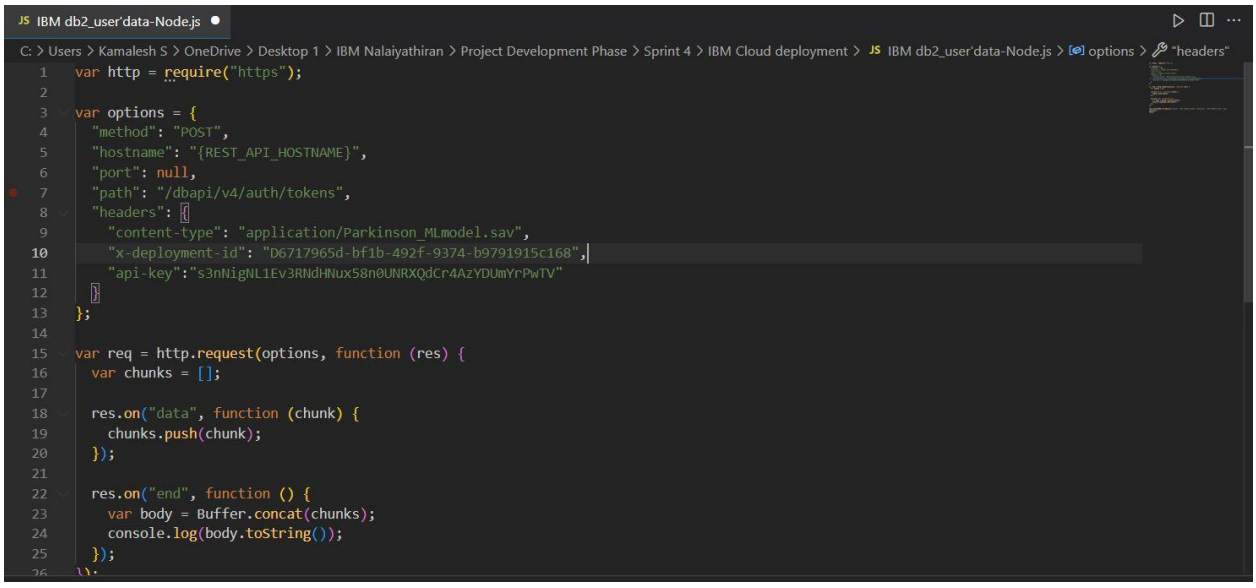
User data integration from react to the IBM DB2 service:

Operations:

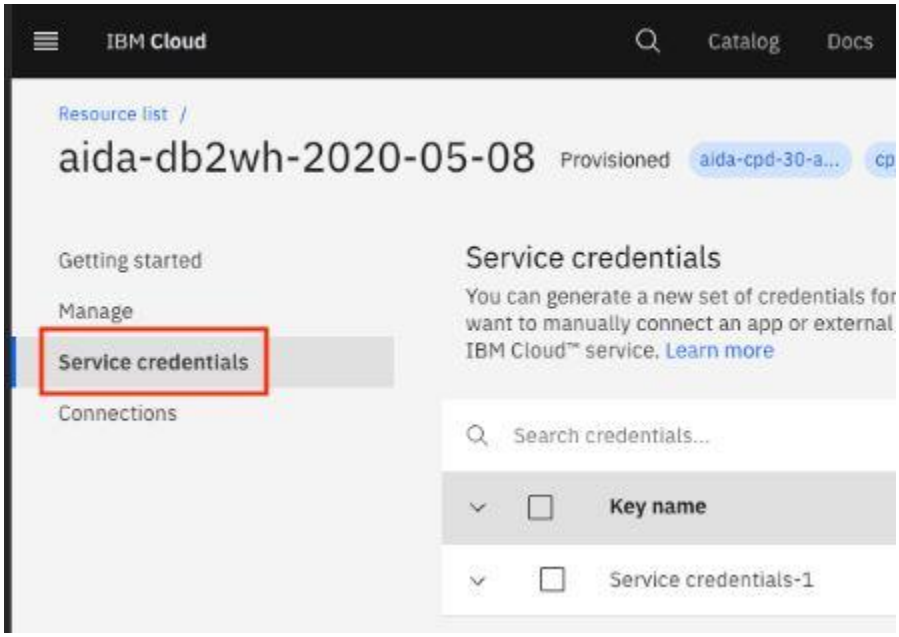
Operation 1)



Operation 2)



Operation 3)



Operation 4)