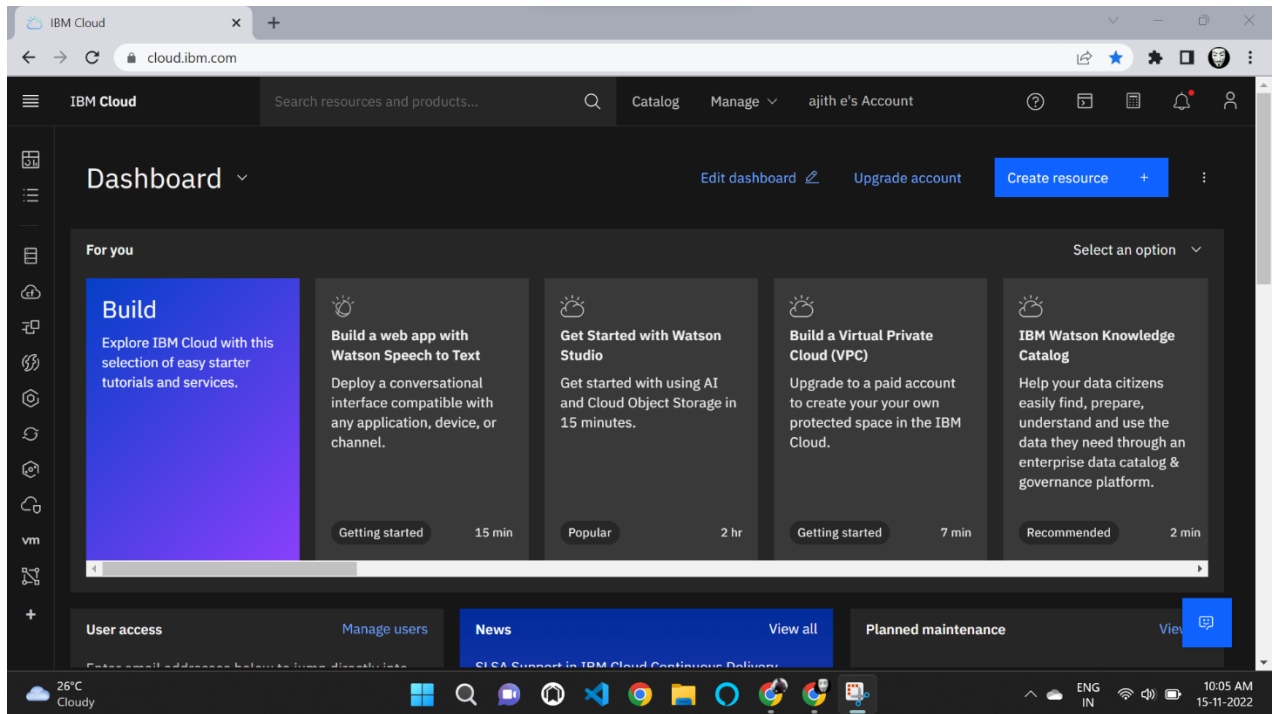
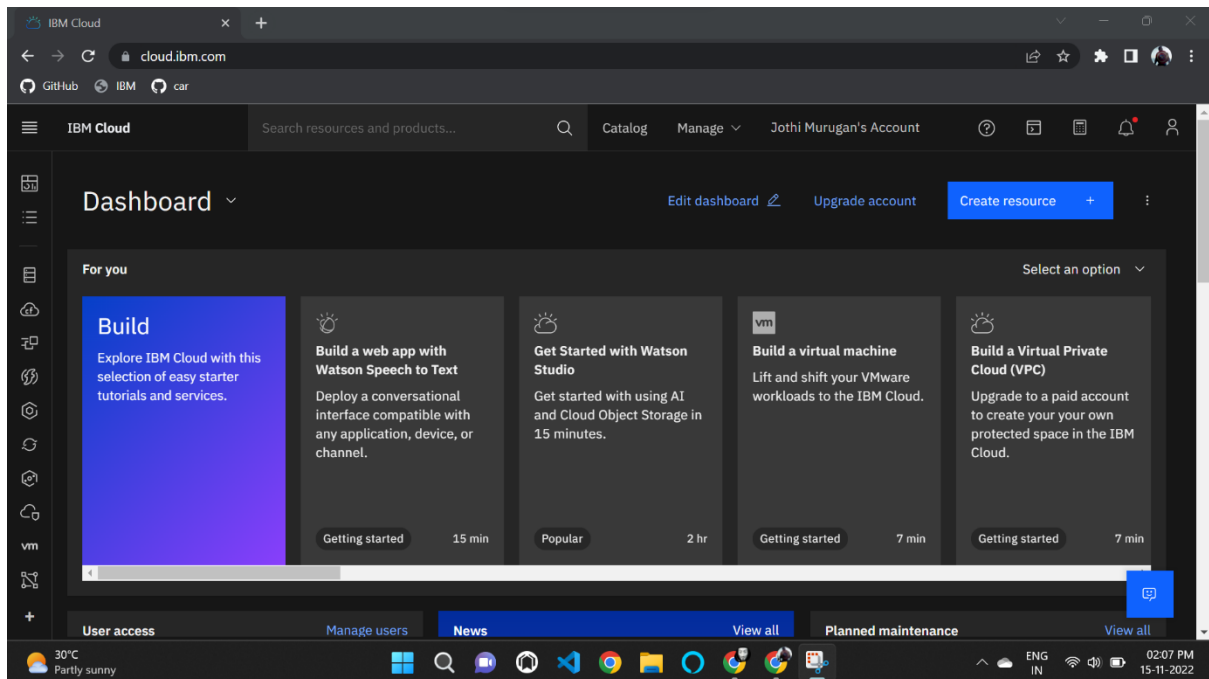


TEAM ID	PNT2022TMID40127
PROJECT	Car resale value prediction
Date	16 November 2022

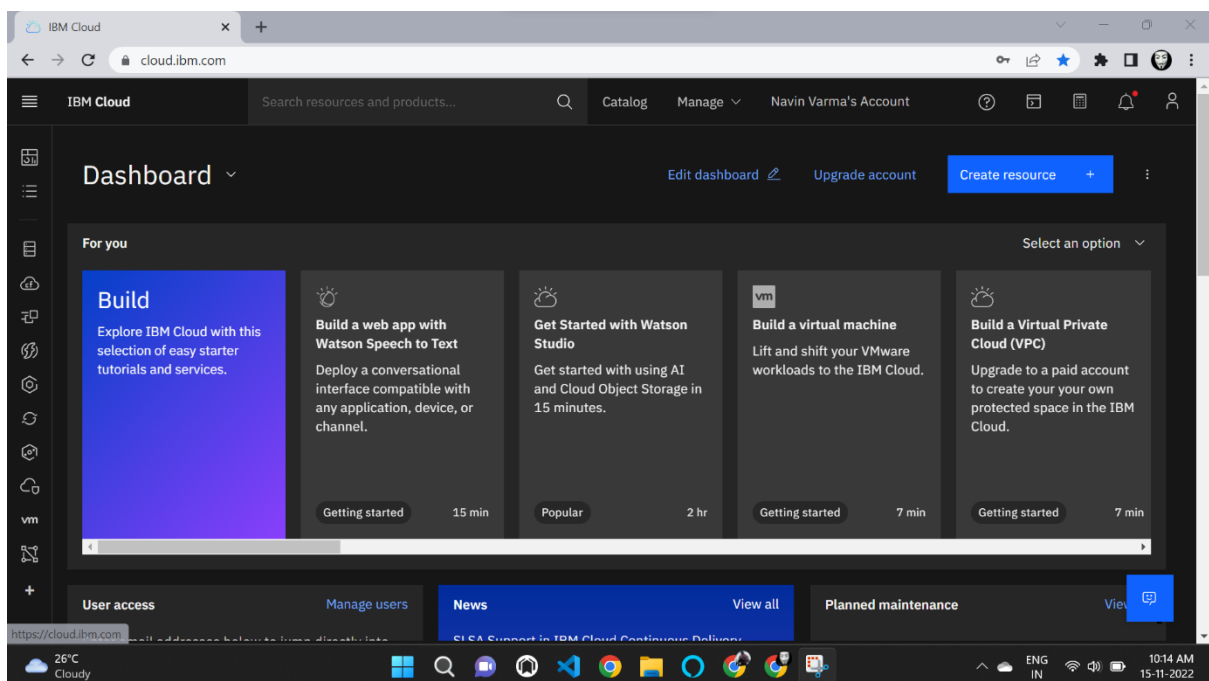
Ajith.E(TL):



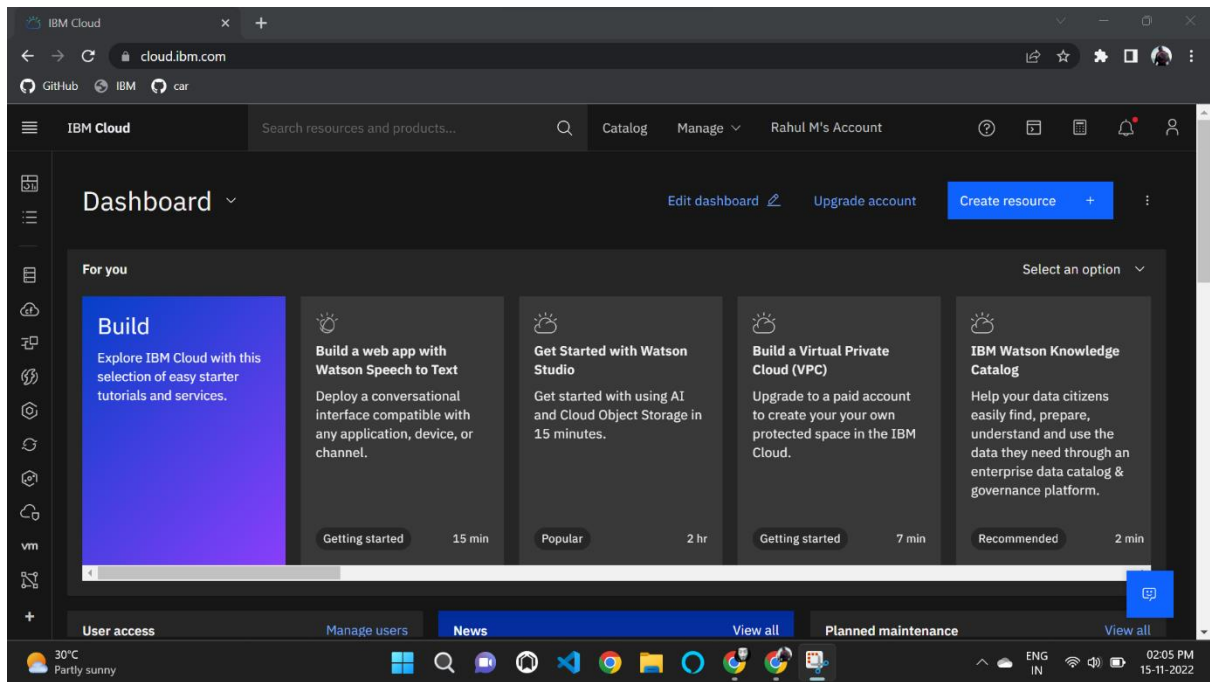
Jothi murugan.A:



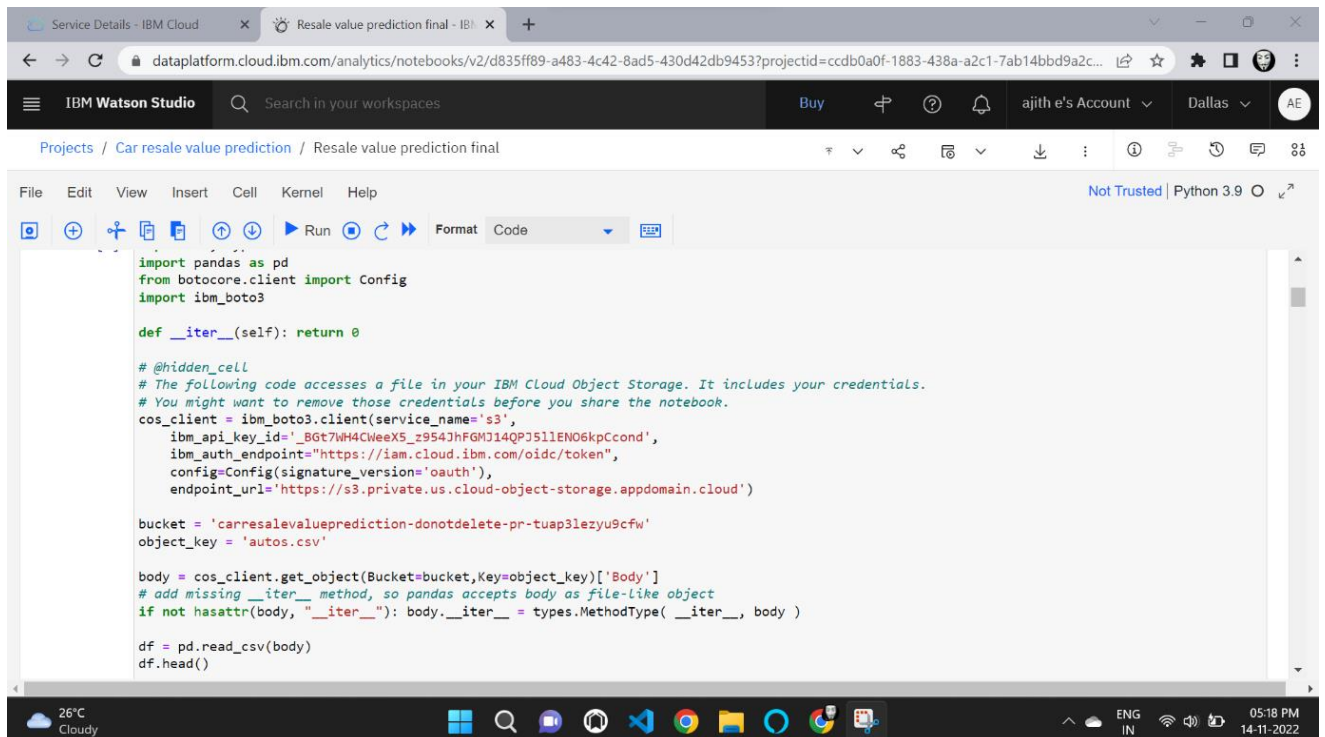
Navinvarma.A:



Rahul.M:



Deployment:



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In [52]: #traing data and test data
from sklearn.model_selection import cross_val_score, train_test_split
X_train,X_test,Y_train,Y_test = train_test_split(X, Y, test_size=0.3, random_state=3)

In [53]: #Model building and fitting
from sklearn.ensemble import RandomForestRegressor
from sklearn.metrics import r2_score
regressor = RandomForestRegressor(n_estimators = 1000, max_depth = 10, random_state = 34)
#fitting the model
regressor.fit(X_train , np.ravel(Y_train, order = 'C'))
Out[53]: RandomForestRegressor(max_depth=10, n_estimators=1000, random_state=34)

In [54]: #predicting the values of test
y_pred = regressor.predict(X_test)
#printing the Accuracy for test set
print(r2_score(Y_test, y_pred))
-0.5528515216993255

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In [10]: wml_client = APIClient(wml_credentials)
wml_client.spaces.list()
Note: 'limit' is not provided. Only first 50 records will be displayed if the number of records exceed 50

ID NAME CREATED
785f4e48-9ea0-4097-8315-2f5402c3404e NARJ_001 2022-11-14T06:01:24.542Z

In [17]: space_id = "785f4e48-9ea0-4097-8315-2f5402c3404e"

In [18]: wml_client.set.default_space(space_id)
Out[18]: 'SUCCESS'

In [20]: wml_client.software_specifications.list(500)

NAME ASSET_ID TYPE
default_py3.6 0062b8c9-8b7d-44a0-a9b9-46c416adcbd9 base
kernel-spark3.2-scala2.12 028d69ce-7ac1-5e68-ac1a-31189867356a base
pytorch-onnx_1.3-py3.7-edt 069ea134-3346-5748-b513-49120e15d288 base
00-5c140b-0a-1a-1172-c211-ah7b655f6e87 base

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