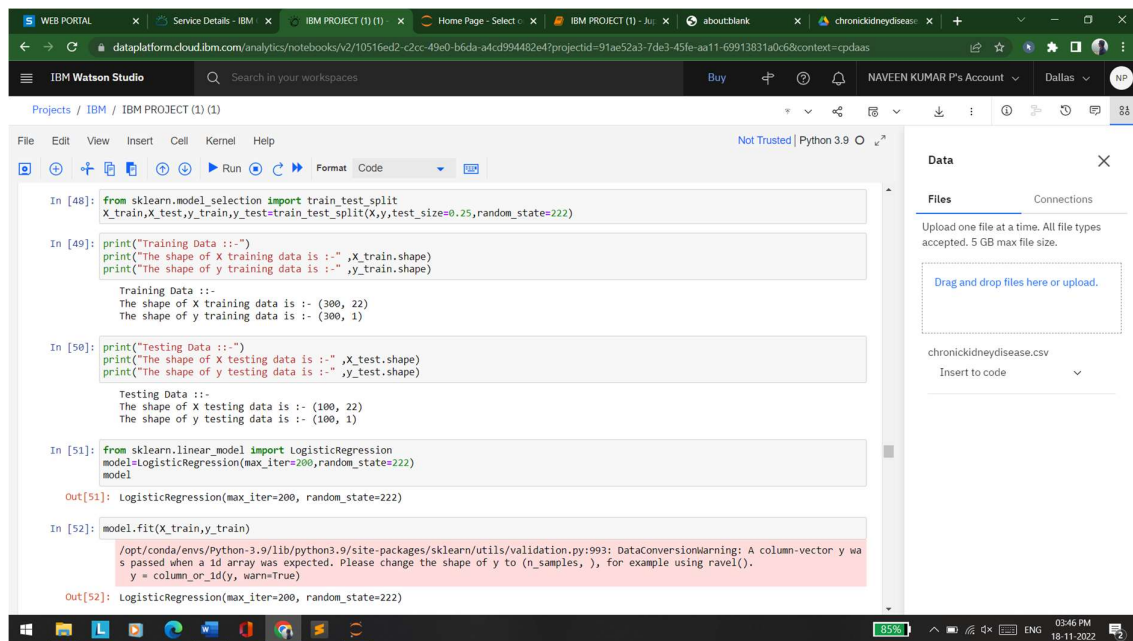


TRAIN THE MODEL ON IBM

TEAM ID	PNT2022TMID15499
PROJECT NAME	EARLY DETECTION OF CHRONIC KIDNEY DISEASE USING MACHINE LEARNING

TRAIN THE MODEL ON IBM:



The screenshot displays the IBM Watson Studio interface. The main area shows a Jupyter notebook with the following code and output:

```
In [48]: from sklearn.model_selection import train_test_split
X_train,X_test,y_train,y_test=train_test_split(X,y,test_size=0.25,random_state=222)

In [49]: print("Training Data :-")
print("The shape of X training data is :-",X_train.shape)
print("The shape of y training data is :-",y_train.shape)

Training Data :-
The shape of X training data is :- (300, 22)
The shape of y training data is :- (300, 1)

In [50]: print("Testing Data :-")
print("The shape of X testing data is :-",X_test.shape)
print("The shape of y testing data is :-",y_test.shape)

Testing Data :-
The shape of X testing data is :- (100, 22)
The shape of y testing data is :- (100, 1)

In [51]: from sklearn.linear_model import LogisticRegression
model=LogisticRegression(max_iter=200,random_state=222)
model

Out[51]: LogisticRegression(max_iter=200, random_state=222)

In [52]: model.fit(X_train,y_train)

/opt/conda/envs/Python-3.9/lib/python3.9/site-packages/sklearn/utils/validation.py:993: DataConversionWarning: A column-vector y was passed when a 1d array was expected. Please change the shape of y to (n_samples, ), for example using ravel().
y = column_or_1d(y, warn=True)

Out[52]: LogisticRegression(max_iter=200, random_state=222)
```

The right sidebar shows the 'Data' panel with a file named 'chronickidneydisease.csv' listed under 'Files'. The status bar at the bottom indicates 85% CPU usage and the time 03:46 PM on 18-11-2022.