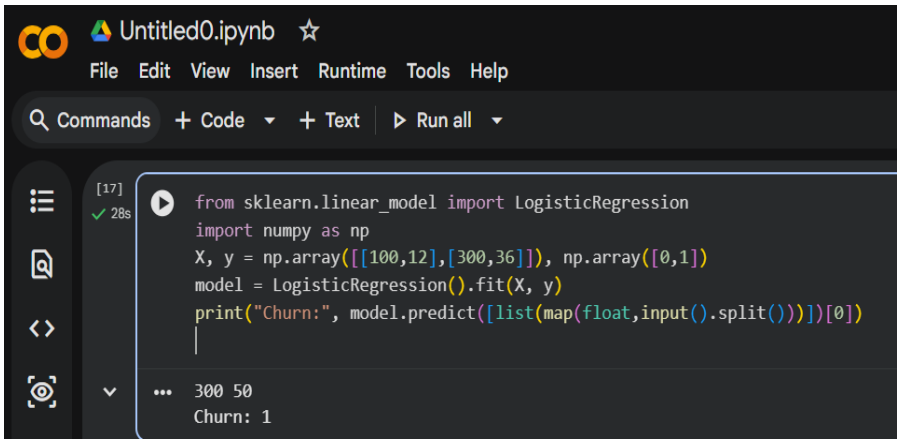
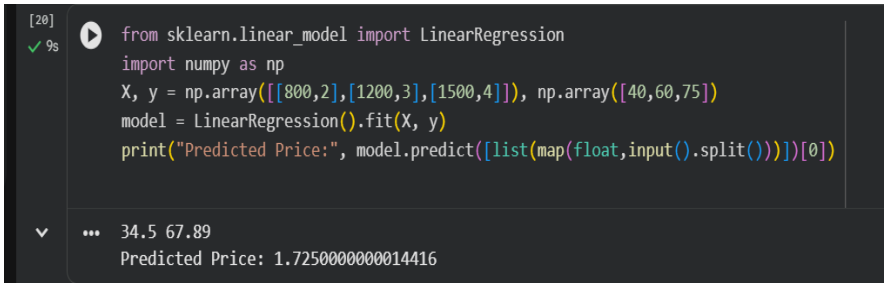
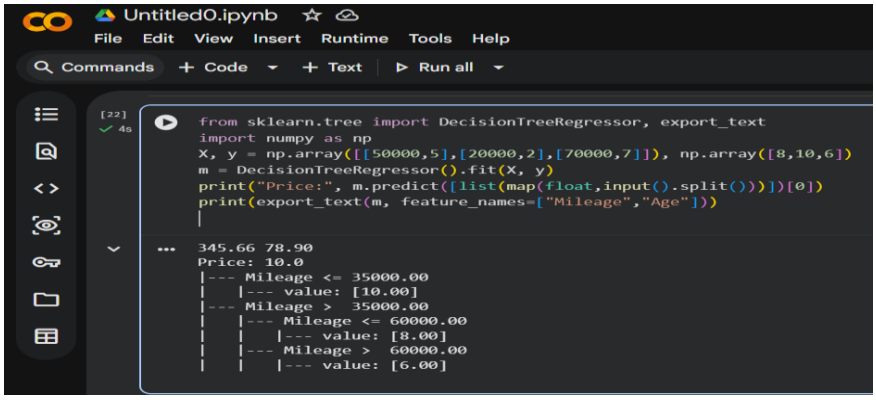
DAY – 7

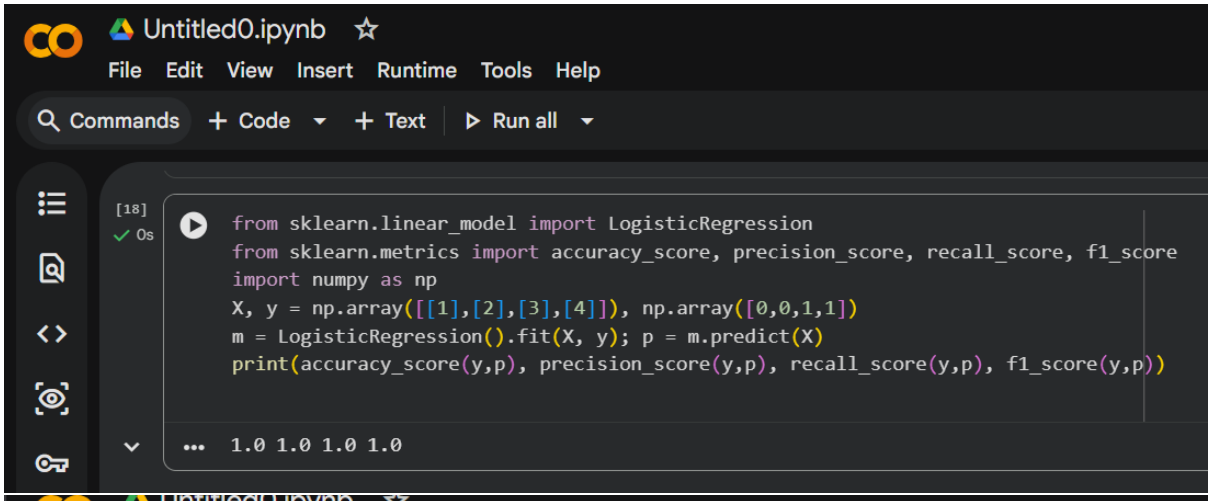
[11.02.2025]

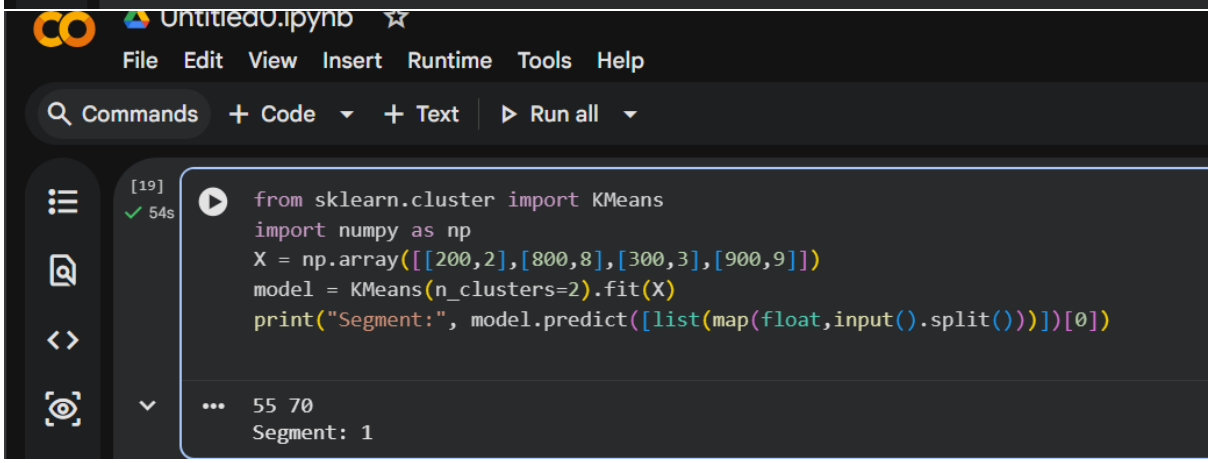
Exp : 26 – 30








Untitled0.ipynb
File Edit View Insert Runtime Tools Help
Commands + Code + Text Run all
[18]
0s
from sklearn.linear_model import LogisticRegression
from sklearn.metrics import accuracy_score, precision_score, recall_score, f1_score
import numpy as np
X, y = np.array([[1],[2],[3],[4]]), np.array([0,0,1,1])
m = LogisticRegression().fit(X, y); p = m.predict(X)
print(accuracy_score(y,p), precision_score(y,p), recall_score(y,p), f1_score(y,p))
1.0 1.0 1.0 1.0


Untitled0.ipynb
File Edit View Insert Runtime Tools Help
Commands + Code + Text Run all
[19]
54s
from sklearn.cluster import KMeans
import numpy as np
X = np.array([[200,2],[800,8],[300,3],[900,9]])
model = KMeans(n_clusters=2).fit(X)
print("Segment:", model.predict([list(map(float,input().split()))])[0])
55 70
Segment: 1