```
import pandas as pd

data={'UserID':[1,2,3,4,5,6,7,8,9,10],'Gender':['Male','Male','Female','Female','Male','Male','Female'
,'Female','Male','Female'],'Age':[19,35,26,27,19,27,32,25,33,45],'EstimatedSalary':[19000,20000,43
000,57000,76000,58000,82000,32000,69000,65000],'Purchased':[0,0,0,1,1,0,1,0,1,1]}

df=pd.DataFrame(data)

from sklearn.model_selection import train_test_split

X=df.iloc[:,1:4].values

Y\y=df.iloc[:,4].values

X_train,X_test,y_train,y_test=train_test_split(X,y,test_size=0.3,random_state=0)

From sklearn.linear_model import LogisticRegression

lr=LogisticRegression(random_state=0)

lr.fit(X_train,y_train)


observation=[[0,30,87000]]

prediction=Lr.predict(observation)

print(prediction)


observations=[[0,30,87000],[1,50,45000],[1,22,30000]]

predictions=Lr.predict(observations)

print(predictions)
```