In [1]: #import libraries  In [185 import pandas as pd import numpy as np import seaborn as sns import matplotlib.pyplot as plt from sklearn.model_selection import train_test_split from sklearn.metrics import accuracy_score  In [61: #load the data  In [6]: titanic_data=pd.read_csv('train.csv')  In [7]: len(titanic_data)  891	
Titanic_data.head()   Passengerid   Survived   Pclass   Name   Sex   Name	
<pre>In [10]: titanic_data.columns  Out[10]:</pre>	
In [12]: titanic_data.dtypes  Out[12]: PassengerId    int64 Survived    int64 Pclass    int64 Name    object Sex    object Age    float64 SibSp    int64 Parch    int64 Ticket    object Fare    float64 Cabin    object Embarked    object ttype: object	
In [13]:	
In [14]: #countplot of survived vs not survived  In [15]: titanic_data['Survived'], value_counts() #finding no. of people survived or not survived  Out[15]: 8	
Survived  In [17]: ##male vs female  In [18]: sns.countplot(x='Survived', data=titanic_data, hue='Sex')  Out[18]: <a href="https://documents.org/">AxxesSubplot:xlabel='Survived', ylabel='count'&gt;</a> Sex  male  female	
In [19]:	
In [21]: //making a count plot for the pclass column sns.countplot('Pclass', data = titanic_data)  C:\Users\abc\anaconda3\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variable as a keyword arg: x. From version 0.12 y valid positional argument will be 'data', and passing other arguments without an explicit keyword will result in an error or misinterpretation.  Out[21]:  500  400  400  100  100  100  100  100	, the on
Pclass  In [22]: sns.countplot('Pclass', hue ='Survived', data = titanic_data)  C:\users\abel\anaconda3\lib\site-packages\seaborn\_decorators.py:36: FutureWarning: Pass the following variable as a keyword arg: X. From version 0.12 y valid positional argument will be 'data', and passing other arguments without an explicit keyword will result in an error or wisinterpretation.  Gut[22]:   Survived  350  300  300  250  150  200  150  250  Pclass	the or
<pre>In [23]: titanic_data['Sex'].value_counts()  male</pre>	
The content of the	
In [29]: print(Y)    0	
In []:	