Exp no :2   Titanic Dataset analysis and preprocessing
              using pandas and sklearn scaler

Aim :-
    To load titanic dataset, enable missing
value using sample input & prepare the
data for training the models

Procedure :
    1) Load titanic dataset
    2) Explore dataset (shape, info, class)
    3) Handle missing value (simple Input)
    4) Identify proxy and attribute
    5) Title / analysis data
    6) Update dataset into training & test

Code :

    import pandas as pd = sklearn as sns, matplotlib.pyplot as plt.
    from sklearn.input simple imputer
    from sklearn.model-selection import train-test-split
    df = sns.load.dataset ('titanic')
    df.['age']= simple Imputer (strategy = 'mean').fit.transform
                                                    (df [['age']])
    df ['deck']= df ['deck'].fillna ("unknown")
    df [embark]= df [-embarked], fillna (df['embark'),mode ()[a])
    sns - complot (x= 'alive', data= df)
    plt.title (" passenger class distribution)
    plt.show.

Passenger_Id	Survived	Places
0	0	3
1	1	1
2	1	3
3	1	3
4	2	3

#	Column	Non-new count	Datatype
0	Passenger	non-null	int 64
1	survived	non-null	int-64
2	Places	non-null	int 64
3	Survived	non-null	int 64

Result:

This ar data region model its lunth ig dk-
chuch s mode inta s dilan urt, suuly
len. pale in TV acdutsing