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**Roll: 22BEC059** 

Practical 3: Handling Missing Values

#### Code:

```
import pandas as pd

csv = pd.read_csv("train.csv")
csv["Cabin"].fillna(csv["Cabin"].mode()[0], inplace=True)
csv["Age"].fillna(csv["Age"].mean().round().astype(int), inplace=True)
csv["Embarked"].fillna(csv["Embarked"].mode()[0], inplace=True)
csv.to_csv('train_complete.csv', index=False)
print(csv)
```

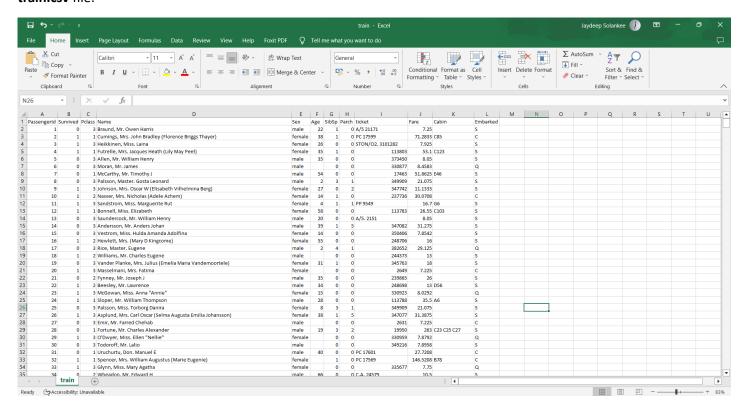
# Output:

```
[Running] python -u "c:\Users\JaySs\OneDrive\Desktop\Lab Works\AI ML Classs\Lab 3\code.py'
     PassengerId Survived Pclass
                                            Fare
                                                     Cabin
                                                            Embarked
                         0
0
               1
                                           7.2500 B96 B98
1
                         1
                                 1
                                         71.2833
                                                       C85
                                           7.9250 B96 B98
                         1
                                 1
                                         53.1000
                                                      C123
4
                         0
                                          8.0500 B96 B98
                                                                   S
886
                         0
                                 2
                                         13.0000
                                                  B96 B98
                                                                   S
             887
887
             888
                         1
                                 1
                                         30.0000
                                                       B42
888
             889
                         0
                                         23.4500
                                                   B96 B98
889
             890
                         1
                                 1
                                                                   C
                                         30.0000
                                                      C148
890
             891
                                           7.7500 B96 B98
                                                                   Q
[891 rows x 12 columns]
[Done] exited with code=0 in 2.172 seconds
```

## Folder Structure:

Name	Date modified	Туре	Size
<b>e</b> code	11-04-23 12:22 PM	Python Source File	1 KB
🗷 train	11-04-23 12:10 PM	Microsoft Excel Co	60 KB
<b>⊠</b> train_complete	24-04-23 10:31 PM	Microsoft Excel Co	67 KB

#### train.csv file:



### train complete.csv file:

