Team ID	PNT2022TMID52707
Project Name	Statistical Machine Learning Approaches to Liver Disease Prediction.

Checking For Null Values And Handling The Null Values

```
[9] data.isnull().any()

    Age                          False
    Gender                       False
    Total_Bilirubin              False
    Direct_Bilirubin             False
    Alkaline_Phosphotase         False
    Alamine_Aminotransferase     False
    Aspartate_Aminotransferase   False
    Total_Protiens               False
    Albumin                      False
    Albumin_and_Globulin_Ratio    True
    Dataset                      False
    dtype: bool
```

```
[10] data.isnull().sum()

    Age                           0
    Gender                        0
    Total_Bilirubin               0
    Direct_Bilirubin              0
    Alkaline_Phosphotase          0
    Alamine_Aminotransferase      0
    Aspartate_Aminotransferase    0
    Total_Protiens                0
    Albumin                       0
    Albumin_and_Globulin_Ratio   12
    Dataset                       0
    dtype: int64
```

```
[11] data['Albumin_and_Globulin_Ratio']=data['Albumin_and_Globulin_Ratio'].fillna(data['Albumin_and_Globulin_Ratio'].mode()[0])
```

```
data.isnull().sum()
```

```
Age                          0
Gender                       0
Total_Bilirubin              0
Direct_Bilirubin             0
Alkaline_Phosphotase         0
Alamine_Aminotransferase     0
Aspartate_Aminotransferase   0
Total_Protiens               0
Albumin                      0
Albumin_and_Globulin_Ratio   0
Dataset                      0
dtype: int64
```