

[illegible]

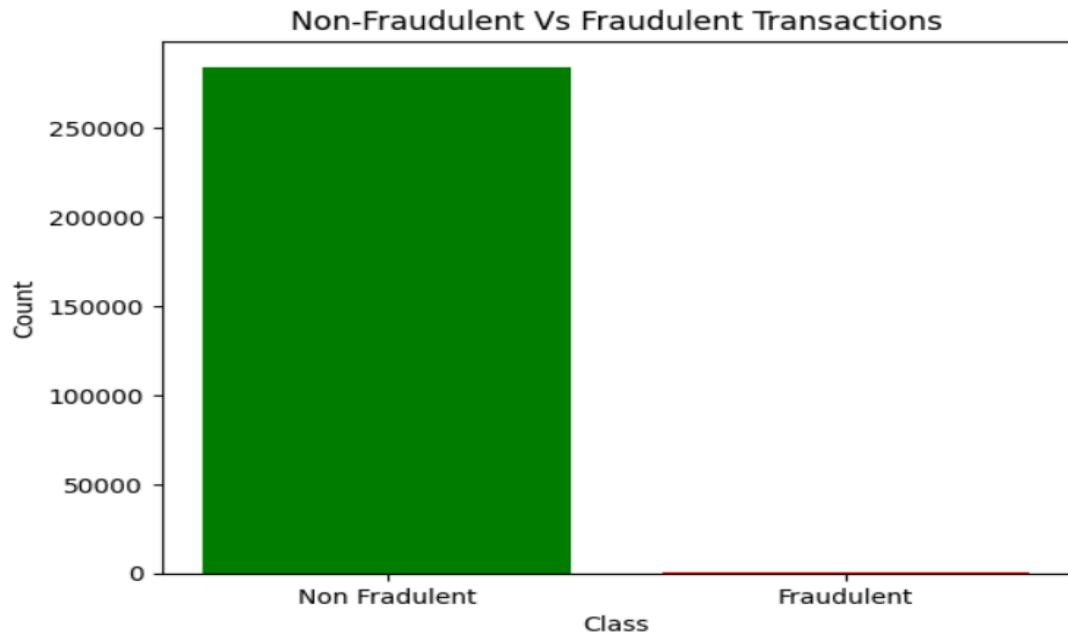
## Data types

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 284807 entries, 0 to 284806
Data columns (total 31 columns):
#   Column  Non-Null Count  Dtype
---  -
0   Time    284807 non-null  float64
1   V1       284807 non-null  float64
2   V2       284807 non-null  float64
3   V3       284807 non-null  float64
4   V4       284807 non-null  float64
5   V5       284807 non-null  float64
6   V6       284807 non-null  float64
7   V7       284807 non-null  float64
8   V8       284807 non-null  float64
9   V9       284807 non-null  float64
10  V10      284807 non-null  float64
11  V11      284807 non-null  float64
12  V12      284807 non-null  float64
13  V13      284807 non-null  float64
14  V14      284807 non-null  float64
15  V15      284807 non-null  float64
16  V16      284807 non-null  float64
17  V17      284807 non-null  float64
18  V18      284807 non-null  float64
19  V19      284807 non-null  float64
20  V20      284807 non-null  float64
21  V21      284807 non-null  float64
22  V22      284807 non-null  float64
23  V23      284807 non-null  float64
24  V24      284807 non-null  float64
25  V25      284807 non-null  float64
26  V26      284807 non-null  float64
27  V27      284807 non-null  float64
28  V28      284807 non-null  float64
29  Amount   284807 non-null  float64
30  Class    284807 non-null  int64
dtypes: float64(30), int64(1)
memory usage: 67.4 MB
```

## Null values for each variable

```

      0
Time   0
V1     0
V2     0
V3     0
V4     0
V5     0
V6     0
V7     0
V8     0
V9     0
V10    0
V11    0
V12    0
V13    0
V14    0
V15    0
V16    0
V17    0
V18    0
V19    0
V20    0
V21    0
V22    0
V23    0
V24    0
V25    0
V26    0
V27    0
V28    0
Amount 0
Class  0
```



```
df['Time'].describe()
```

	Time
<b>count</b>	284807.000000
<b>mean</b>	94813.859575
<b>std</b>	47488.145955
<b>min</b>	0.000000
<b>25%</b>	54201.500000
<b>50%</b>	84692.000000
<b>75%</b>	139320.500000
<b>max</b>	172792.000000

**dtype:** float64

```
df['Amount'].describe()
```

	Amount
<b>count</b>	284807.000000
<b>mean</b>	88.349619
<b>std</b>	250.120109
<b>min</b>	0.000000
<b>25%</b>	5.600000
<b>50%</b>	22.000000
<b>75%</b>	77.165000
<b>max</b>	25691.160000

**dtype:** float64

