4_Measures of Shape - Skewness

In [1]:
```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
```

In [3]:
```
dataset = pd.read_csv('titanic.csv')
```

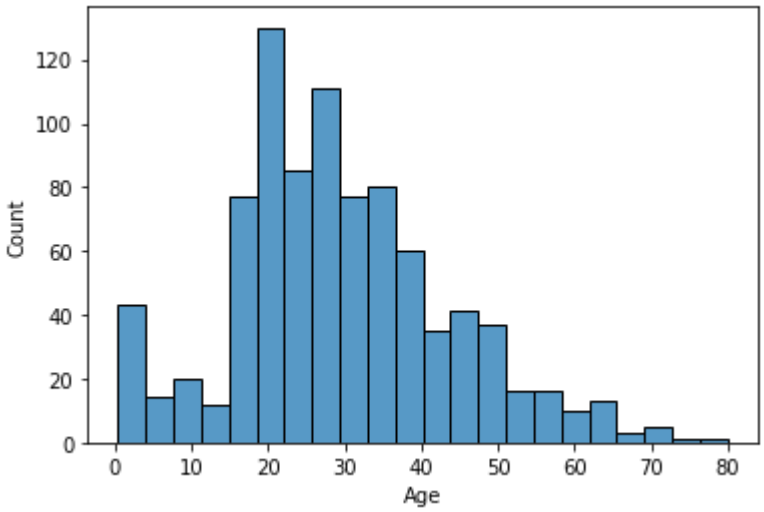
In [4]:
```
dataset.head(3)
```

Out[4]:

	Survived	Pclass	Name	Sex	Age	Siblings/Spouses Aboard	Parents/Children Aboard	Fare
0	0	3	Mr. Owen Harris Braund	male	22.0	1	0	7.2500
1	1	1	Mrs. John Bradley (Florence Briggs Thayer) Cum...	female	38.0	1	0	71.2833
2	1	3	Miss. Laina Heikkinen	female	26.0	0	0	7.9250

To see if Age has skewness or no skewness

In [6]:
```
sns.histplot(x='Age', data=dataset)
plt.show()
```



This is right skewed chart (Positive skewness)

In [8]:
```
# If skew is greater than zero - Positive skewness and vice versa
dataset['Age'].skew()
```

Out[8]:
```
0.44718857190799916
```

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