Central Tendency of Measures

In [2]:
```python
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#Roll No.:71
#Sec: C
#Subject:ET - 1
```

In [1]:
```python
import pandas as pd
```

In [2]:
```python
import os
```

In [3]:
```python
os.getcwd()
```

Out[3]: `'C:\\Users\\dishi\\Downloads'`

In [4]:
```python
os.chdir("C:\\Users\\dishi\\Downloads")
```

In [14]:
```python
df=pd.read_csv("gender_submission.csv")
```

In [22]:
```python
print(df.info())
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 418 entries, 0 to 417
Data columns (total 2 columns):
 #   Column       Non-Null Count  Dtype
---  ------       --------------  -----
 0   PassengerId  418 non-null    int64
 1   Survived     418 non-null    int64
dtypes: int64(2)
memory usage: 6.7 KB
None
```

In [30]:
```python
mean_PassengerId = df['PassengerId'].mean()
mean_Survived = df['Survived'].mean()

print(f"Mean Passenger: {mean_PassengerId}")
print(f"Mean survived: {mean_Survived}")
```

```
Mean Passenger: 1100.5
Mean survived: 0.36363636363636365
```

In [26]:
```python
print(mean)
```

```
1100.5
```

In [28]:
```python
median_PassengerId = df['PassengerId'].median()
median_Survived = df['Survived'].median()

print(f"Median Passenger: {median_PassengerId}")
print(f"Median survived: {median_Survived}")
```

```
Median Passenger: 1100.5
Median survived: 0.0
```

In [32]:
```python
mode_PassengerId = df['PassengerId'].mode()
mode_Survived = df['Survived'].mode()

print(f"Mode Passenger: {mode_PassengerId}")
print(f"Mode survived: {mode_Survived}")
```

```
Mode Passenger: 0        892
1       893
2       894
3       895
4       896
        ...
413     1305
414     1306
415     1307
416     1308
417     1309
Name: PassengerId, Length: 418, dtype: int64
Mode survived: 0     0
Name: Survived, dtype: int64
```

In [ ]: