The ACF Method

Calling the ACF Method

The library containing the *plot_acf* method

The time series whose ACF we want to compute

Determines whether we want to include or ignore the n lags defined later

```python
import statsmodels.graphics.tsaplots as sgt

sgt.plot_acf(df.market_value, unbiased = True, zero = False, lags = 40)
plt.title("ACF for Prices", size = 20)
plt.show()
```

The *title()* method puts a heading on the plot

The *lags* argument determines how many lags to include in the graph

The *show()* method prevents printing the graph twice

The *size* argument sets the size of the title

The *zero* argument determines whether we want to include the current period value in the plot