Working with Pandas and Time Series Data

1. Import the libraries you will to work with DataFrames

2. Date Formatting
- Import the library you need for working with dates
- Create a date for 18-Nov-2018
- Format and display the date as
  - `Sunday 18 November 2018`
  - `Sun 18 Nov 18`
  - `2018/11/18`
  - `18-11-2018`
- Create a date for 17-Mar-2018
  - `Display the day of the year for this date`
  - `Display the week of the for the date`

3. Load in the data for GOOGL
- Use *../Data/GOOGL.csv*
- Index on 'Date' column

4. What was the maximum value for Volume in the years 2014 through to 2016

5. Display the mean, max, min and median of columns Open, High, Low and Close for every calendar Year for the entire data set for GOOGL.

6. Display the mean, max, min and median of Adjusted Open, High, Low and Close for every calendar year for the entire data set for GOOGL.
- Use a single line of python to execute this

7. Transpose the previous set of results