**Using apply() to transform a column**

The .apply() method can be used on a pandas DataFrame to apply an arbitrary Python function to every element. In this exercise you'll take daily weather data in Pittsburgh in 2013 obtained from [**Weather Underground**](https://www.wunderground.com/history).

A function to convert degrees Fahrenheit to degrees Celsius has been written for you. Your job is to use the .apply() method to perform this conversion on the 'Mean TemperatureF' and 'Mean Dew PointF' columns of the weather DataFrame.

**INSTRUCTIONS**

* Apply the to\_celsius function over the ['Mean TemperatureF','Mean Dew PointF'] columns of the weather DataFrame.
* Reassign the columns of df\_celsius to ['Mean TemperatureC','Mean Dew PointC'].

# Write a function to convert degrees Fahrenheit to degrees Celsius: to\_celsius

def to\_celsius(F):

return 5/9\*(F - 32)

# Apply the function over 'Mean TemperatureF' and 'Mean Dew PointF': df\_celsius

df\_celsius = weather[['Mean TemperatureF', 'Mean Dew PointF']].apply(to\_celsius)

# Reassign the columns df\_celsius

df\_celsius.columns = ['Mean TemperatureC', 'Mean Dew PointC']

# Print the output of df\_celsius.head()

print(df\_celsius.head())