**Part I – WeatherPy**

Your first objective is to build a series of scatter plots to showcase the following relationships:

* Temperature (F) vs. Latitude

When the Latitude changes from negative to cero there is a positive correlation because once you get closer to the 0 latitude (Ecuador) the temperature is warmer and tends to go up. Once the Latitude moves above 0 the temperature goes down which is a negative correlation. When the latitude gets closer to the Artic the temperature tends to be low.

You can see these arguments in the three temperature graphs, having North and South in opposite way strong correlations close to 1 and -1.

North correlation: -0.86

Southern The r-squared is: 0.77

* Humidity (%) vs. Latitude

The points in the chart are spread out and that means that there is almost no correlation between these two parameters. Meaning that changes in Latitude does not alter changes in Humidity. However, Northern Hemisphere has a positive correlation of 0.47 (not strong), the more Latitude more Humidity. In the Southern Hemisphere the correlation is almost cero.

* Cloudiness (%) vs. Latitude

With Cloudiness there is almost no correlation. The points are all spreads out showing almost no correlation. Same results in the North and South charts.

* Wind Speed (mph) vs. Latitude

Wind speed tends to stay in the range of 0 and 20 mph but once the latitude is more than 65, the wind speed increases exponentially, having values above 40 mph (Possible outliers).

Nonetheless, North and South charts show almost no correlation.