**Weatherpy Data Analysis**

Data from the Weatherpy was analyzed by using Python Pandas and graphs were created by matplotlib. The data includes weather of 500+ cities across the world of varying distance from the equator. The data weather compared from these cities include Temperature (F) vs. Latitude, Humidity (%) vs. Latitude, Cloudiness (%) vs. Latitude, Wind Speed (mph) vs. Latitude.

**Observable Trends**

1. City Latitude vs Max Temperature- For this specific graph the data shows that based on how far you are away from the equator the lower the temperature is. One would assume that the highest temperature is the city closest to the equator but it is not (shown at 30 latitude).
2. Latitude vs Humidity- The humidity compared to the latitude is all around the same percentage of range. The scatter plot showed an outlier at around a latitude of 15 with a percentage of almost 300 humidity.
3. City Latitude vs Wind Speed- The scatter plot for this data shows no observable trends or correlation between city Latitude and wind speed.