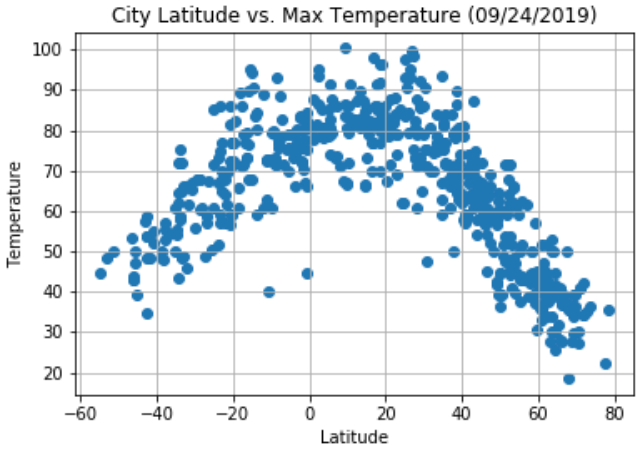
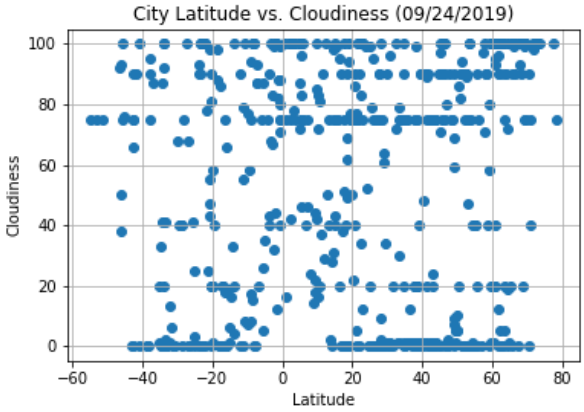
Python API Analysis - WeatherPy

Based on my analysis, the only solid piece of evidence of correlation is that of latitude and max temperature. As previously stated, temperature rises as we approach the equator (obviously). However, pictured below, we can see that the northern part of the globe is slightly warmer than the southern. We can explain this because it seems that there is a larger majority of cities with 80+ degrees Fahrenheit over latitude 0 compared the cities below latitude 0.



Unfortunately, other analyses correlating Humidity, Wind Speed, and Cloudiness with Latitude returned quite disappointing because the data barely shows any relation, if any. For example, the graph below shows the relationship between cloudiness and latitude. It's evident that a relationship is nonexistent.



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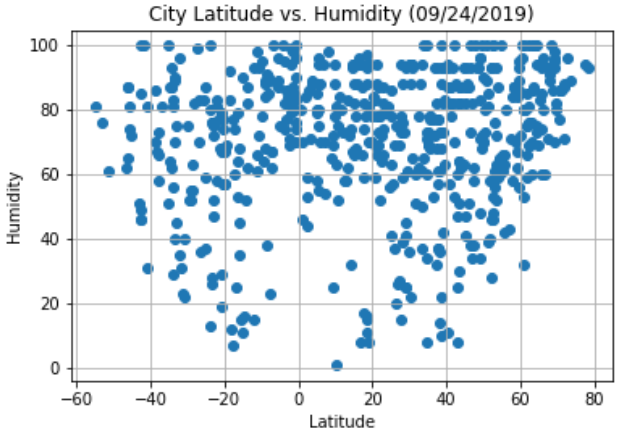
The final two graphs show somewhat of a relationship between Humidity and Latitude, and Wind Speed and Latitude. For example, discerning the relationship between Humidity and Latitude, we can conclude that there is a constant humidity across the latitudes with a small spike around the equator.



Finally, looking at the relationship between Wind Speed and Latitude, we can conclude that there are relatively low wind speeds throughout the latitudes.