WeatherPy Analysis

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Below are 3 trends that I found interesting while evaluating weather data vs latitude.

1. Maximum temperature increases as you get closer to the equator. This is intuitive, but it was interesting to see in graphical format. On this same plot it was also noticeable the affect that seasons have on temperature. The southern hemisphere stays relatively warm even as you move away from the equator because it is late summer there. The opposite is true for the northern hemisphere.
2. There does not appear to be any relationship with humidity or cloudiness and latitude. I was not surprised about cloudiness as these plots represent a snapshot in time and cloudiness as a % can change quickly. I did find it surprising that there was not a correlation with humidity, but it became a apparent after completing VacationPy that humidity is closely correlated with distance to a body of water (i.e. ocean).
3. My last observation is about wind speed. As you move away from the equator in both hemispheres. the windier it becomes. The correlations don't appear to be that strong and that may be true. I also think it might be because the wind data is simply a snapshot in time and not an average over a longer time span. It was interesting that plotting this out by hemisphere that the northern and southern hemisphere had nearly identical slopes and intercepts. I feel that if a larger timeframe of data was utilized that the correlation would be stronger.