Observations:

The data is restricted to the 548 cities randomly selected. When broken up between the Norther and Southern there was 184 and 364 respectively.

1. There is correlation between the latitude and the max temperature of a city. The closer to the equator the higher the temp in both the southern and northern hemisphere.
2. There is a minor correlation between the latitude and humidity when looking at the northern hemisphere, and a small correlation with the latitude and wind speed for the southern hemisphere.
3. There looks to be no substantial correlation with the latitude and humidity for the southern hemisphere and latitude and cloudiness for the northern hemisphere.