**Python Api Challenge Analysis**

* The most notable trend from the graphs is that the further a city is away from the equator the lower the temperature. This can be seen with scatterplots from both the Northern and Southern hemispheres.
* The next observable trend that can be seen is that the farther away from the equator a city is the lower the humidity tended to be.
* The final trend is that distance from the equator has little to no impact on cloudiness of a city.