Python API Challenge Analysis

* **Temperature based on Latitude**: The temperature has a clear and steep decline once the latitude increases passed 20. This is largely due to the higher latitudes having colder climates and being in the middle of winter currently.
* **Humidity**: Most cities had humidity indexed above 60%, but there does appear to be a larger concentration of cities with high humidity between latitudes 50 and 70. This could be due to higher humidity due to recent snow melts in the northern areas as temperatures have been slightly above freezing recently.
* **Northern Hemisphere**: The northern hemisphere cities show a clear decline in temperature as latitude increases. A much sharper decline then seen when examining the data across the whole globe. The sharper increase is due to an increased percentage of cities being located in colder climates in addition to its being in winter.