Data Analysis – API Challenge

1. Max temperature peaks around latitude +20 and trails off considerably towards +90 and -90. It’s currently the end of summer in the northern hemisphere, which would explain the concentration of high temperatures slightly north of the equator.

2. Far more cities showed humidity levels above 60% and very few showed humidity levels below 40%. This is likely due to cities being more likely to be situated on coastlines or near bodies of water, and less likely to be situated in deserts.

3. The cloud cover chart shows groupings along specific percentage lines: 0%, 20%, 40%, 75%, 90% and 100%. This may be due to the way some of the data is reported/collected - as “mostly cloudy” or “partly cloudy” - but it’s unclear why there would be no grouping along the 50% line.