Eric Tuscanes
M-W-S
Data Science Bootcamp

Three observations on the Python API data:

1. Latitude vs. Temperature has a curved pattern on its graph. With a latitude of -40 to -60, the majority of the points are within the 40-60 degree temperature range. But, as the latitude increases to 0-20, the majority of the plots are in the 60-80° range. As the latitude further increases to 60-80, the lowest point falls under 20°, with a majority in the 20°-40° range as a whole. This suggests that within our random sample, there might be certain patterns within certain altitudes, but no direct increase or decrease either way.
2. The humidity and wind MPH graphs feature most of their plots in one range. With a temperature of 100, points range from about -45 to just short of 80. As the humidity ranges decrease, the latitude range doesn't become any less haphazard. The only thing we can deduce is that a majority of the random samples were in the 80-100 range of humidity. Similarly, wind speed has the majority of plots below 15MPH, and only three above 30MPH, all of which are spread out amongst the latitude range. The only things these two graphs show is where the majorities of entries lie.
3. Latitude vs. Cloudiness is the most disoriented, showing the smallest correlation of all. Unlike the Humidity graph, the majority of entries are not in one point--there are many entries with 0% cloudiness and seemingly just as many with 90% cloudiness, and there's just as much range as the latitude increases across the X line.