**WeatherPy Analysis**

The analysis shows the current weather of more than 500 cities across randomly chosen latitude and longitude values so that it covers full gamut of latitudes and longitudes and there is no bias in the dataset selected.

The three observable trends based on the scatter plots are as follows:

1. As expected, there is a strong correlation between the latitude and the max temperature values. The weather tends to get hotter as we approach equator. However, the maximum temperature is not exactly at the equator but slightly above (approx. 20o – 25o) the equator.
2. The humidity and cloudiness do not seem to be correlated with latitude. The values are spread from minimum to maximum across latitude.
3. The wind speed value is also not correlated to the latitude. And most of the cities seem to have wind speed values below 6 mph.