**Open Weather API – Weather analysis of over 500 cities on Earth**

We plotted Temperature, Humidity, Cloudiness and Wind speed against Latitude by selecting over 500 random cities in the world. Here are a few conclusions we can draw from the visualizations:

1. Temperature is highest around 0 degrees latitude, which is closest to the equator. Lowest temperature is observed around Latitude 90 N, the North Pole.
2. The cities around Latitudes -20 and +20 degrees have highest percentage humidity. Lower latitudes have drier climate.
3. Wind speed increases at lower (The South) and higher latitudes (the North), with higher speeds in the North.
4. Cloudiness is distributed evenly across latitudes.