World Weather Analysis

The project was to prove that the temperature, humidity , cloudiness and other variables depend the latitude they fall upon and if we can have estimate average weather conditions across the cities on the earth.

All cities are positioned at intersection of coordinates (latitudes, longitudes). We have done a random selection of cities bases on there coordinates and prepared scatter plots.

Takeaways from the project:

1. The nearer the cities are to the equator, the higher temperatures.
2. Wind speed is high around the equator and the tropics and tapers off near the poles.
3. Cloudiness is also more near the equator and tapers off near the poles.
4. Humidity is higher at the equator and the tropics than near the poles.

We can safely prove that due to temperature being high around the equator effect the other factors too.