The analysis is based upon a data set of more than 500 random cities. The purpose of this analysis is to find correlation between Latitude and other factors like temperature, humidity, cloudiness and wind speed.

Scatterplots have been plotted to visualize the correlation. The following conclusions can be drawn from the graphs.

* There is no strong relationship between latitude and cloudiness.
* There is a relationship between latitude and temperature. As we approach the equator the temperature gets warmer.
* There is no strong relationship between latitude and wind speed.
* There is also no strong relationship between latitude and humidity.