**Weather Conclusions**

1. The Scatterplot for both the Northern Hemisphere and the Southern Hemisphere both show the same trend which is that **as the Latitude of Cities gets closer to 0 (the equator) the temperature rises**. This correlation is evident by the fact that the scatterplots have correlation coefficients of -0.56 and 0.77 which are both relatively strong correlations.
2. The Scatterplots for the Northern and the Southern Hemispheres both show that **there is no correlation between a City's Latitude and the Humidity % of that city**. This is evident by the fact that the correlation coefficients for the Northern and Southern Hemispheres for Latitude vs Humidity % are -0.09 and -0.05 respectively. Both these correlation coefficients indicate an extremely weak correlation.
3. The Scatterplots for the Northern and the Southern Hemispheres both show that **there is no correlation between a City's Latitude and the Cloudiness % in that city**. This is evident by the fact that the correlation coefficients for the Northern and Southern Hemispheres for Latitude vs Cloudiness % are -0.01 and -0.05 which are both extremely work correlations.
4. The Scatterplots for the Northern and the Southern Hemispheres both show that **there is no correlation between a City's Latitude and the Wind Speed (mph) in that city**. This is evident by the fact that the correlation coefficients for the Northern and Southern Hemispheres for Latitude vs Wind Speed (mph) are -0.12 and -0.08 which are both extremely weak correlations.