### Summary Overview[¶](http://localhost:8888/notebooks/Python-APIs/WeatherPy2.ipynb#Summary-Overview)

* There is a correlation between the latitude and temperature at this time of year (r=-.75). As expected, cities that lie below the equator are warmer and those cities above the equator are colder. Roughly half of all of the city temperatures are 60 degrees (F) or higher. 44 of the coldest cities, with temperatures under 0 degrees (F) are located in Russia.
* There is no relationship of city latitude and whether or not the weather conditions will be cloudy (r=.06)
* There is no relationship of city latitude and humidity (r=.04). Perhaps no surprise, the least humid city locations in the World currently are in Africa: Gat, Sudan (in Northern Hemisphere) and Carnarvon, South Africa (Southern Hemisphere)
* Wind speed is not correlated with Latitude (r=-.00). More data pulls would need to be done, but the time of day a data pull is taken may impact the current wind speeds seen within cities across the Globe (data pulled at 8AM ET).

**Map of the Random Cities Generated (Google Map API)**

