Observations of Weather Data:

1. Temperature appeared to be the most significant inverse correlation between Latitude. Temperature demonstrated a correlation with latitude with a -0.78 correlation between the two data points. Neither Cloudiness, Humidity nor wind speed demonstrated a similar correlation.
2. Positive latitude data points represented a stronger correlation with Temperature readings. This will probably be due to the earth being tilted on its axis and those countries being in summer versus winter for the other hemisphere.
3. Wind speed represented the least significant correlation with temperature based upon the API weather data.