WeatherPy Observations – Linear Regressions

1. Latitude vs. Maximum Temperature: As expected, there is strong negative correlation between latitude and maximum temperature. As Latitude increases, Maximum Temperature increases for both the Northern and Southern Hemispheres.
   1. Northern Hemisphere: r = -0.8428755256216633
   2. Southern Hemisphere: r = -0.7384752123283461
2. Latitude vs. Humidity (%): There is no correlation between Latitude and Humidity for both the Northern and Southern Hemispheres.
   1. Northern Hemisphere: r = 0.03839949495295286
   2. Southern Hemisphere: r = -0.09128865800725214
3. Latitude vs. Cloudiness (%): There is no correlation between Latitude and Cloudiness for both the Northern and Southern Hemispheres.
   1. Northern Hemisphere: r = 0.0866683517157197
   2. Southern Hemisphere: r = -0.13797870455053132
4. Latitude vs. Wind Speed (mph): There is no correlation between Latitude and Humidity for both the Northern and Southern Hemispheres, although the correlation is somewhat stronger in the Southern Hemisphere.
   1. Northern Hemisphere: r = 0.03279665624700768
   2. Southern Hemisphere: r = 0.27376935702110117