WeatherPy Data Analysis

**Northern Hemisphere**

Max Temp vs. Latitude Linear Regression

* In the northern hemisphere, there is a major, negative linear relationship between the max temperature and latitude. As the latitude gets higher, the overall maximum temperature tends to be lower.

Humidity vs. Latitude Linear Regression

* In the northern hemisphere, there is a minor, positive linear relationship between the overall humidity and latitude. As the latitude gets higher, the humidity tends to be higher.

Cloudiness vs. Latitude Linear Regression

* In the northern hemisphere, there is a minor, positive linear relationship between the overall cloudiness and latitude. As the latitude gets higher, the overall cloudiness tends to be higher.

Wind Speed vs. Latitude Linear Regression

* In the northern hemisphere, there is a substantially minor, positive linear relationship between the wind speed and latitude. As the latitude gets higher, the wind speed tends to be faster. However, there isn’t significant evidence for this.

**Southern Hemisphere**

Max Temp vs. Latitude Linear Regression

* In the southern hemisphere, there is a minor, positive linear relationship between the max temperature and latitude. As the latitude gets higher, the overall maximum temperature tends to be higher.

Humidity vs. Latitude Linear Regression

* In the southern hemisphere, there is a minor, positive linear relationship between the overall humidity and latitude. As the latitude gets higher, the humidity tends to be higher.

Cloudiness vs. Latitude Linear Regression

* In the southern hemisphere, there is a positive linear relationship between the overall cloudiness and latitude. As the latitude gets higher, the overall cloudiness tends to be higher.

Wind Speed vs. Latitude Linear Regression

* In the southern hemisphere, there is a substantially minor, negative linear relationship between the wind speed and latitude. As the latitude gets higher, the overall wind speed tends to be slower. However, there isn’t significant evidence for this.