**Comments on WeatherPy\_Adebayo**

Written description of three observable trends based on the data

1.For countries in the Norther Hemisphere, maximum temperature decreases with their latitude according to the equation max\_temp = -0.8\*lat + 36.39 ; whereas humidity, cloudiness and wind speed increase with latitude according to hum = 0.22\*lat + 65.29, clouds = 0.82\*lat + 23.34, and speed = 0.02\*lat + 2.7 respectively.

2. On the other hand, for countries in the Southern hemisphere, maximum temperature, humidity and cloudiness increase with latitude according to equation max\_tem = 0.35\*lat + 29.79; Hum = 0.68\*lat + 92.33 and clouds = 1.08\*lat + 78.16 respectively. Wind speed decreases with latitude according to equation speed = -0.1\*lat + 2.5

3. As expected, humidity, cloudiness and wind speed trend are generally in opposite direction to maximum temperature of the countries in a given latitude in the Northern Hemisphere. The trend is not as clear cut for countries in the Southern Hemisphere: Humidity and clouds pattern appear to generally increase with maximum temperature whereas wind speed decreases with maximum temperature for countries in the Southern Hemisphere.