**Three observable trends are:**

1. From the latitude vs. temperature plot, we can see that temperate is higher near the 0-degree latitude which is the equator. As the latitude moves away from 0 degree in both positive and negative direction, temperature tends to decrease.
2. From the latitude vs. humidity plot, we can see that humidity is higher near the 0-degree latitude which is the equator. As the latitude moves away from 0 degree in both positive and negative direction, humidity tends to decrease.
3. From the latitude vs. wind speed plot, we can see that wind speed is lower near the equator.