PYTHON API - HOMEWORK

Objective is to show the effects of weather as one goes closer to the equator.My objective is to build a series of scatter plots to showcase the following relationships:

* Temperature (F) vs. Latitude

* Humidity (%) vs. Latitude

* Cloudiness (%) vs. Latitude

* Wind Speed (mph) vs. Latitude

As final considerations:

* You must complete your analysis using a Jupyter notebook -- done

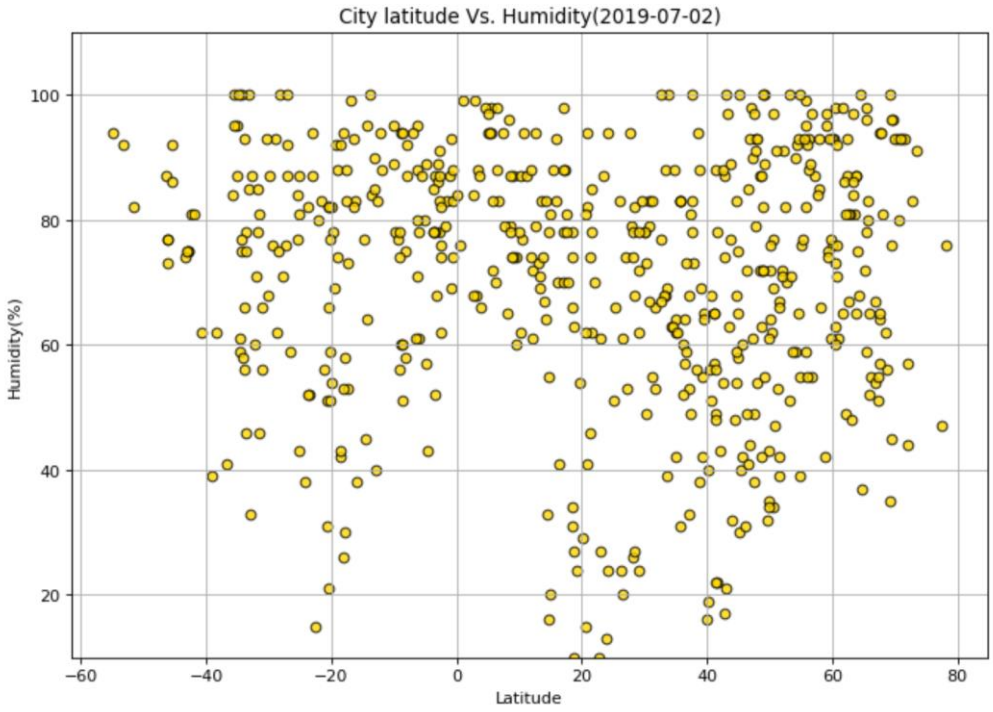
* You must use the Matplotlib or Pandas plotting libraries -- done

* You must include a written description of three observable trends based on the data - done- see below.

* You must use proper labeling of your plots, including aspects like: Plot Titles (with date of analysis) and Axes Labels.-- Done

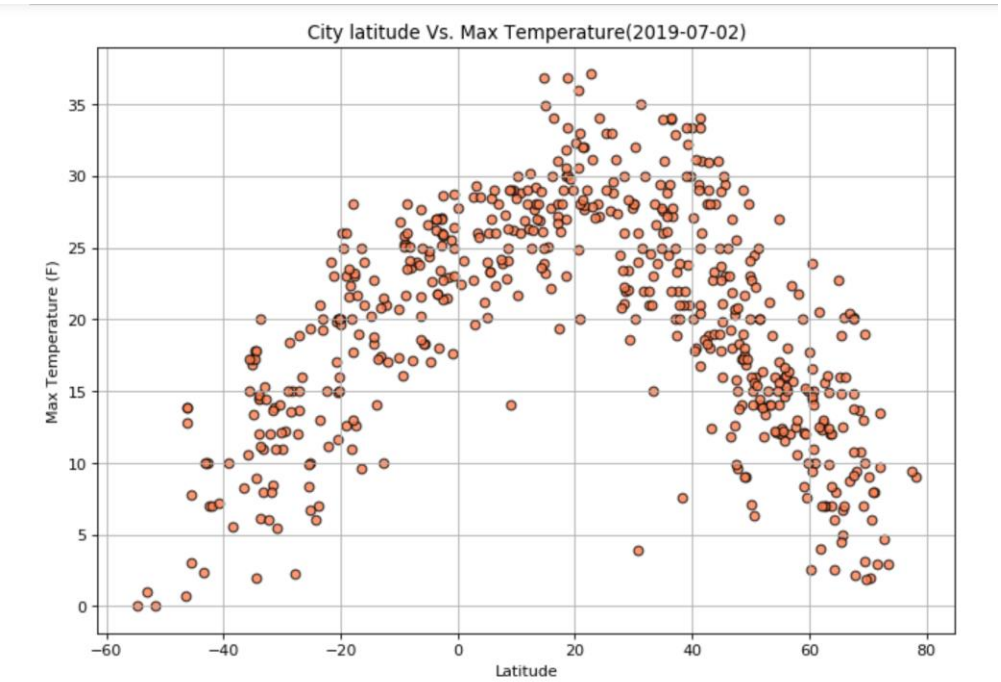
CONCLUSION 1

- **Conclusion1:**
  The humidity near the equator is always above 60%



- **Conclusion 2:**

  Temperatures are usually higher near the equator. More than 20F on July 2, 2019.



- **Conclusion 3:**

  Windspeed doesn't seem to vary with the city's distance from the equator.