



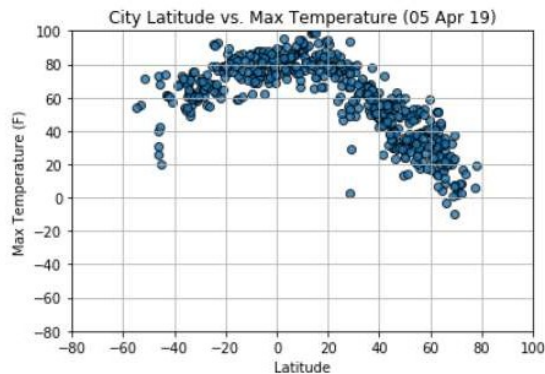
## Latitude vs Temperature Plot

```
In [12]: # Build scatter plot for latitude vs temperature
plt.scatter(lats,
            max_temps,
            edgecolor="black", linewidths=1, marker="o",
            alpha=0.8, label="Cities")

# Incorporate the other graph properties
plt.title("City Latitude vs. Max Temperature (%s)" % time.strftime("%d %b %y"))
plt.ylabel("Max Temperature (F)")
plt.xlabel("Latitude")
plt.grid(True)
plt.xlim(-80,100)
plt.ylim(-80,100)

# Save the figure
plt.savefig("images/Fig1.png")

# Show plot
plt.show()
```





jupyter

WeatherPy

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Python 3

Run Code

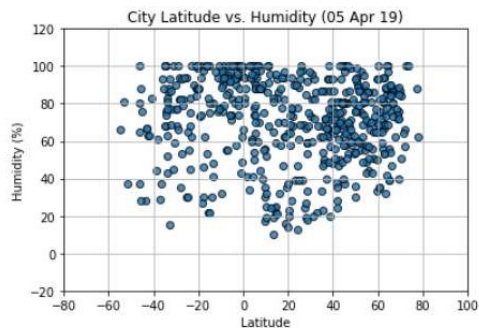
## Latitude vs. Humidity Plot

```
In [13]: # Build the scatter plots for each city types
plt.scatter(lats,
            humidity,
            edgecolor="black", linewidths=1, marker="o",
            alpha=0.8, label="Cities")

# Incorporate the other graph properties
plt.title("City Latitude vs. Humidity (%s)" % time.strftime("%d %b %y"))
plt.ylabel("Humidity (%)")
plt.xlabel("Latitude")
plt.grid(True)
plt.xlim(-80,100)
plt.ylim(-20,120)

# Save the figure
plt.savefig("images/Fig2.png")

# Show plot
plt.show()
```



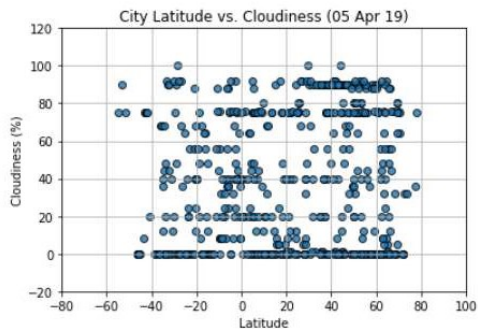
## Latitude vs. Cloudiness Plot

```
In [14]: # Build the scatter plots for each city types
plt.scatter(lats,
            cloudiness,
            edgecolor="black", linewidths=1, marker="o",
            alpha=0.8, label="Cities")

# Incorporate the other graph properties
plt.title("City Latitude vs. Cloudiness (%s)" % time.strftime("%d %b %y"))
plt.ylabel("Cloudiness (%)")
plt.xlabel("Latitude")
plt.grid(True)
plt.xlim(-80,100)
plt.ylim(-20,120)

# Save the figure
plt.savefig("images/Fig3.png")

# Show plot
plt.show()
```



## Latitude vs. Wind Speed Plot

```
In [15]: # Build the scatter plots for each city types
plt.scatter(lats,
            wind_speed,
            edgecolor="black", linewidths=1, marker="o",
            alpha=0.8, label="Cities")

# Incorporate the other graph properties
plt.title("City Latitude vs. Wind Speed (%s)" % time.strftime("%d %b %y"))
plt.ylabel("Wind Speed (mph)")
plt.xlabel("Latitude")
plt.grid(True)
plt.xlim(-80,100)
plt.ylim(-5,40)

# Save the figure
plt.savefig("images/Fig4.png")

# Show plot
plt.show()
```

