

6.3.2 Plot Latitude vs. Humidity

Great job on the first scatter plot! Now, you need to create a scatter plot that compares the latitude vs. the humidity.

We can repurpose our code for the maximum temperature scatter plot and create a scatter plot for the latitude versus humidity.

 [Retake](#)

In addition to changing the y-axis variable to "humidity," we need to change the title to "Humidity," and the y-axis label to "Humidity (%)."

In a new cell, add the following code and run the cell.

```
# Build the scatter plots for latitude vs. humidity.  
plt.scatter(lats,  
            humidity,
```

```
edgecolor="black", linewidths=1, marker="o",
alpha=0.8, label="Cities")

# Incorporate the other graph properties.
plt.title(f"City Latitude vs. Humidity "+ time.strftime("%x"))
plt.ylabel("Humidity (%)")
plt.xlabel("Latitude")
plt.grid(True)
# Save the figure.
plt.savefig("weather_data/Fig2.png")
# Show plot.
plt.show()
```

Our scatter plot will look like the following:

