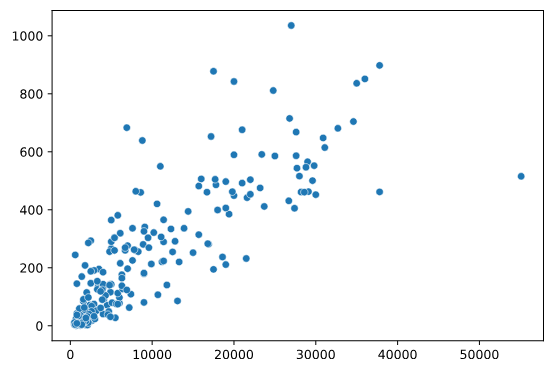
**Making a scatter plot with lists**

In this exercise, we'll use a dataset that contains information about 227 countries. This dataset has lots of interesting information on each country, such as the country's birth rates, death rates, and its gross domestic product (GDP). GDP is the value of all the goods and services produced in a year, expressed as dollars per person.

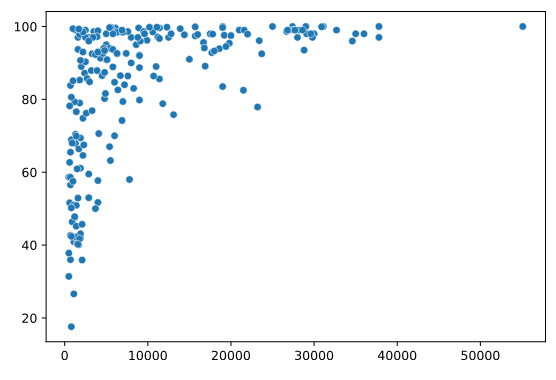
We've created three lists of data from this dataset to get you started. gdp is a list that contains the value of GDP per country, expressed as dollars per person. phones is a list of the number of mobile phones per 1,000 people in that country. Finally, percent\_literate is a list that contains the percent of each country's population that can read and write.

**Instructions 1/4**

* Import Matplotlib and Seaborn using the standard naming convention.
* Create a scatter plot of GDP (gdp) vs. number of phones per 1000 people (phones).
* Display the plot.



* Change the scatter plot so it displays the percent of the population that can read and write (percent\_literate) on the y-axis.



**script.py**

# Import Matplotlib and Seaborn

import matplotlib.pyplot as plt

import seaborn as sns

# Change this scatter plot to have percent literate on the y-axis

sns.scatterplot(x=gdp, y=percent\_literate)

# Show plot

plt.show()

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**Making a count plot with a list**

In the last exercise, we explored a dataset that contains information about 227 countries. Let's do more exploration of this data - specifically, how many countries are in each region of the world?

To do this, we'll need to use a count plot. Count plots take in a categorical list and return bars that represent the number of list entries per category. You can create one here using a list of regions for each country, which is a variable named region.

**Instructions**

**100 XP**

* Import Matplotlib and Seaborn using the standard naming conventions.
* Use Seaborn to create a count plot with region on the y-axis.
* Display the plot.

**script.py**

# Import Matplotlib and Seaborn

import seaborn as sns

import matplotlib.pyplot as plt

# Create count plot with region on the y-axis

sns.countplot(y=region)

# Show plot

plt.show()

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