Searching and Sorting Datasets with Python

1. How many records are in the boat data set? \_\_\_\_\_
2. How many rows are printed with the code: boats\_length\_data.head()
3. What does this line of code do? pd.set\_option (“display.max\_rows”,none) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What type of engine does record 0 have? \_\_\_\_\_\_\_\_\_\_
5. The line boats\_length.tail() do? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. How many of the 19 foot boats are there? \_\_\_\_\_\_\_
7. Find the line : boats\_length = [boats\_data.length == 19] Change the 19 to 20
8. Change the line again and tell me how many 23 footers are in the dataset. \_\_\_\_\_\_
9. Looking at price, suppose someone wants to spend between 35000 and 37000. How many boats meet that price range? \_\_\_\_
10. 10
11. Where could they buy the Scarb? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
12. Using a multiple feature search, search for year and length. Do you have any 19 foot boats manufactured in 2022? \_\_\_ If yes which boat \_\_\_\_\_\_\_
13. What is the output for make, type and power?

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1. Just using the head() function, how many inboard/outboard runabouts are there? \_\_\_\_\_
2. Dropping columns model, width fuel, what columns are displayed? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. How many boats cost between $50,000 and $100,000? \_\_\_\_\_\_\_\_
4. Datasets can be sorted as well. What is the most expensive boat? \_\_\_\_\_\_\_\_\_
5. How many boats with 900 horsepower? \_\_\_\_ 600? \_\_\_\_\_\_500\_\_\_\_\_
6. What is the boat with the smallest horsepower? \_\_\_\_\_\_