# Indexes & Sorting Exercise

## Part 1

\* Import the `pokemon.csv` dataset

\* Make the Name column the index (do it in place on the original DataFrame!)

## Part 2

\* Sort the pokemon by the Attack column, from highest to lowest

\* Sort the pokemon by the Num column, from lowest to highest, in place.

\* Sort the pokemon by the Total column AND the Attack column (in that order!) from highest to lowest

\* Sort the pokemon by their index, from lowest to highest, in place (From A-Z)

## Part 3

\* Find the average Speed of the 10 pokemon with the highest Speed.

\* Of the top 20 pokemon with the highest Attack values, what is the most common value for "Type 1"?

## Part 4

\* Retrieve the row with the index label of "Diglett"

\* Retrieve the rows for the two fox-like Pokemon: Eevee and Vulpix

\* Make sure your DataFrame is sorted by index (A-Z). Retrieve the rows from Charizard to Charmeleon. You should get three rows back.

\* Retrieve the 30th, 40th, and 50th rows by position.

## Part 5

\* Retrieve the rows of the fish-like Pokemon. Use this list to make it easier:

```py

fish\_pokemon = ["Magikarp", "Goldeen","Horsea", "Seaking", "Seadra","Gyarados"]

```

## Part 6

\* Create this bar chart that shows the Attack values for the above fish-like Pokemon. Pay attention to the sorting!!

<div>

<img src="attachment:fish\_plot.png" width="400"/>

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