## **Exercises: Pandas**

## WE'LL COVER THE FOLLOWING

- Time to Test Your Skills!
  - Q1. Create a DataFrame from the given dictionary data and index labels and store it in the variable called "df".
  - Q2. a) Select the column labelled "Listeners" and store it in the variable called "col". b) Select the first row and store it in the variable called "row".
  - Q3. Select all the rows where the Genre is 'Pop' and store the result in the variable "pop\_artists".
  - Q4. Select the artists who have more than 2,000,000 listeners and whose Genre is 'Pop' and save the output in the variable called "top\_pop".
  - Q5. Perform a grouping by Genre using sum() as the aggregation function and store the results in the variable called "grouped".

## Time to Test Your Skills! #

**Note**: We are going to create a DataFrame called "df" in the first exercise, and we will keep referring to the same DataFrame as our input in the rest of the exercises.

Q1. Create a DataFrame from the given dictionary data and index labels and store it in the variable called "df". #

Q2. a) Select the column labelled "Listeners" and store it in the variable called "col". b) Select the first row and store it in the variable called "row". #

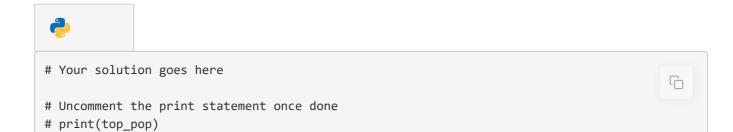
(Remember, we are still using the DataFrame called *df*.)



Q3. Select all the rows where the Genre is 'Pop' and store the result in the variable "pop\_artists". #



Q4. Select the artists who have more than 2,000,000 listeners and whose Genre is 'Pop' and save the output in the variable called "top\_pop". #





Q5. Perform a grouping by Genre using sum() as the aggregation function and store the results in the variable called "grouped". #

