Exercise

Bringing it all together (2)

Great job! You've now defined the functionality for iterating over entries in a column and building a dictionary with keys the names of languages and values the number of tweets in the given language.

In this exercise, you will define a function with the functionality you developed in the previous exercise, return the resulting dictionary from within the function, and call the function with the appropriate arguments.

For your convenience, the pandas package has been imported as pd and the 'tweets.csv' file has been imported into the tweets\_df variable.

Instructions

100 XP

Define the function count\_entries(), which has two parameters. The first parameter is df for the DataFrame and the second is col\_name for the column name.

Complete the bodies of the if-else statements in the for loop: if the key is in the dictionary langs\_count, add 1 to its current value, else add the key to langs\_count and set its value to 1. Use the loop variable entry in your code.

Return the langs\_count dictionary from inside the count\_entries() function.

Call the count\_entries() function by passing to it tweets\_df and the name of the column, 'lang'. Assign the result of the call to the variable result.

Take Hint (-30 XP)