



Exploratory Analysis Using Tableau Data Science for Business Decisions

Note that all the instructions below and the visualizations are based on the [Bixi 2019 dataset](#).

This assignment's objective is to continue improving your Tableau skills; please answer the following questions only using this software.

SET 1: Descriptive Answers

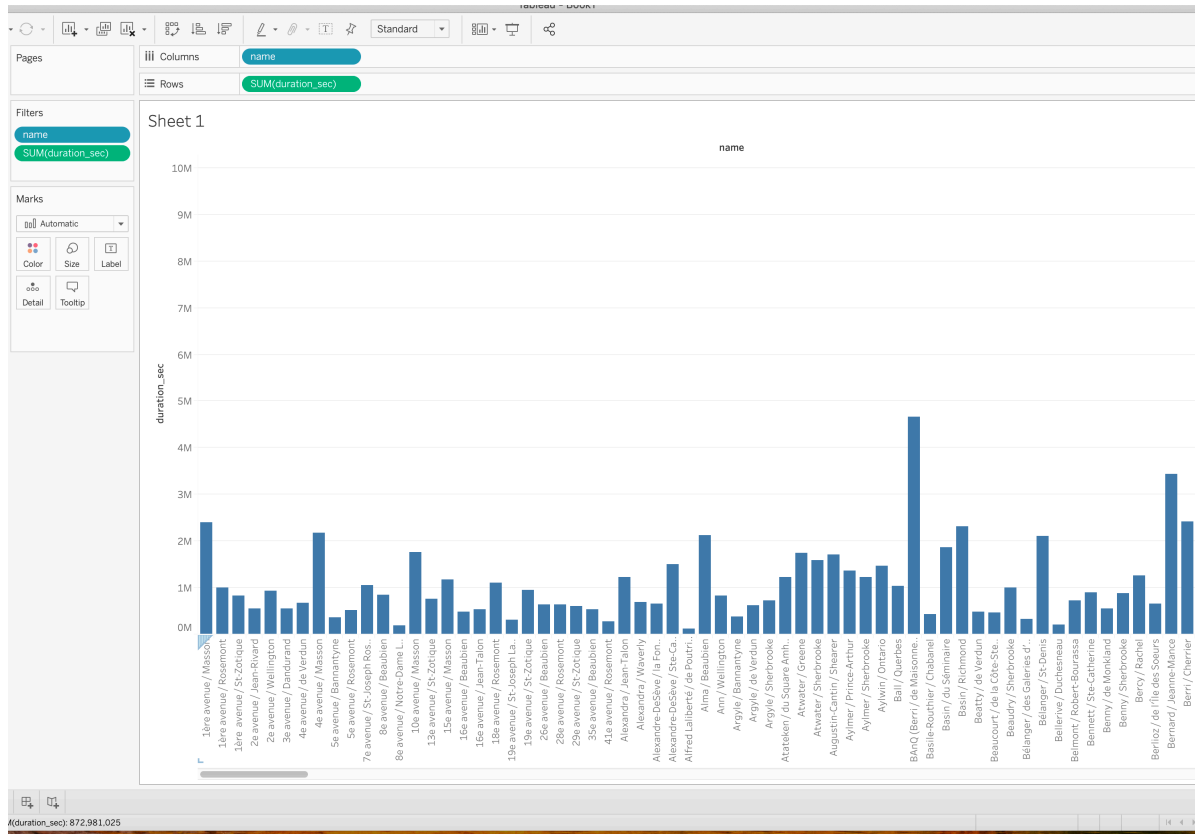
1. [5 points] Please generate the visualization shown below:



All the information you need to generate this visualization could be obtained from the above picture.

Now answer the following questions:

- Are the two visualizations shown on left and right, exactly the same?
 - Explain the reason for your answer in part (a). [Answer in 2-3 sentences]
 - Create a similar plot where the plots shown above are merged into a single plot and they still convey the same information.
 - Explain your rationale behind creating the plot in part (c) i.e. you need to mention how do you justify that your plot captures the same information as shown in the picture above. [Answer in 2-3 sentences]
2. [5 points] Using the August 2019 BIXI data generate the visualization shown below (names refer to the start station names):



- Filter out the stations whose sum of duration is less than 50,000 seconds. Show these stations sorting the sum of duration from lowest to highest.
- Why do you believe these stations have such low usage? Justify your answer in 2-3 sentences.