Assignment 02 – Analysis

The following tasks should be fulfilled by you:

a) Create the analysis based on the data set created in assignment 1 (*assignment-taxi*)
b) Change the field category of *revenue-trip* and *rides-per-day* from a dimension to a measure
c) Create a tree map visual which should display *revenue-trip* for the different categories as defined in the preparation, where we created the field *revenue-category*. Each category should be displayed in a different color. Do not select the colors manually, this should be done automatically by QuickSight
    Hint: Take a closer look at the field wells of the chart regarding the automatic color selection by the different categories
d) Change the displayed values in the tree map from the sum for each category to the average
    Hint: Remember what we learned about aggregation
e) Use the formatting options to remove the legend from the tree map
f) Create a scatter plot visual. The visual should present the number of passengers and the tip paid for the three different categories defined in *revenue-category.* The size of the bubbles should be based on the distance driven on that day. Important: Maybe we have to convert another dimension into a measure… ;)
    Hint: We never used that visual, but we need two measures, one for the x-axis and one for the y-axis and another measure for the size of the bubbles. The field *revenue-category* is a dimension…
g) The last visual we create is a heatmap. The heatmap should display *revenue-total* by *revenue-category* and *date*
h) Change the data displayed in this visual from annual to monthly
i) Apply a filter to the heatmap (the filter should only affect the heatmap). With the filter applied, the visual should only display the values for the year 2014

    And this is it, I hope you also enjoyed the second assignment. In the solution video, I will show you one way how to solve the challenges.