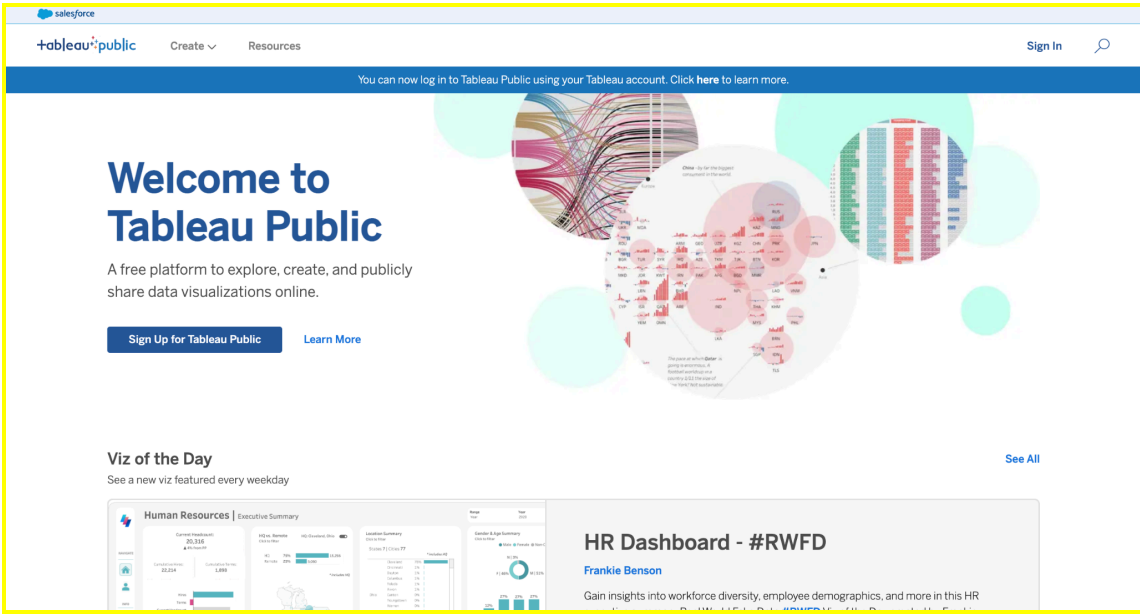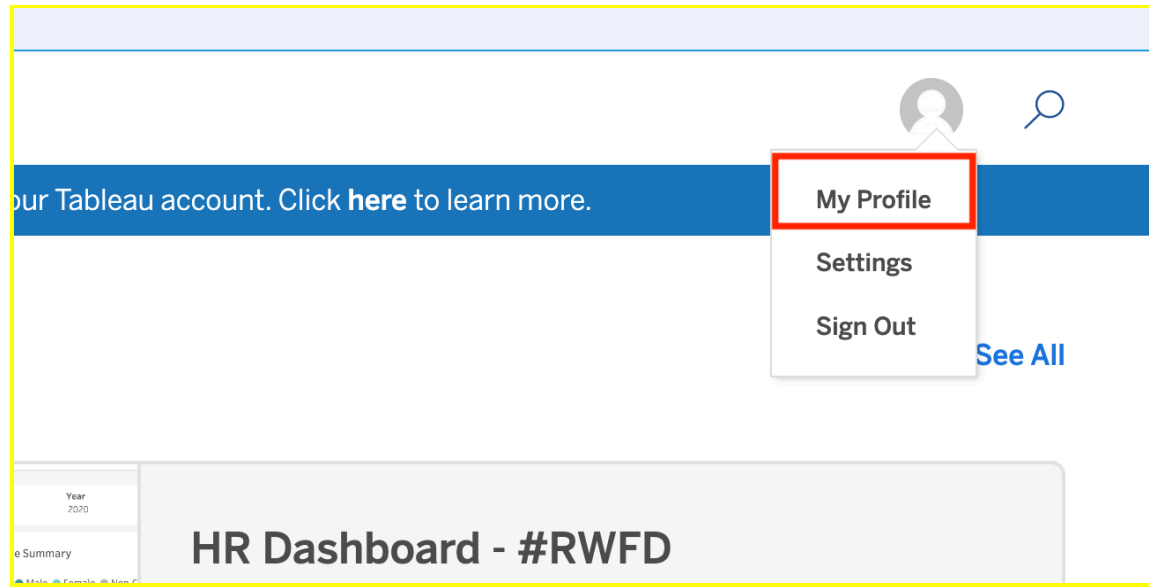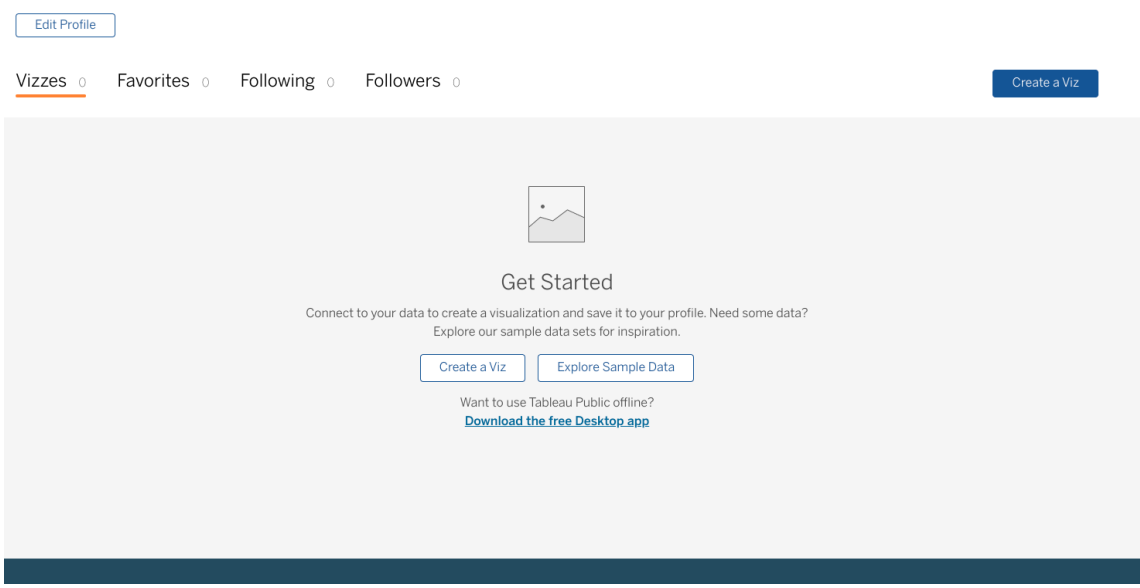# Course 3 Tableau follow-along guide: Automatidata project

This document includes detailed instructions for how to perform the data visualizations described in the Course 3 end-of-course project.

Instruction	Example Screenshot
Go to https://public.tableau.com/s/ Log in to your account.	

| Go to "My Profile" at top right of Tab Public homepage. | |

Under "Vizzes," select "Create a Viz."	
Upload the data provided by the New York City TLC.	<u>Please click here to download the 2017 New York City TLC dataset.</u> The dataset is accessible through Coursera. After downloading the dataset, come back to this page of instructions and continue with the next task in Tableau Public.
Click on NEW WORKSHEET. **Note:** Please allow for several minutes for data import into a new worksheet	

- Drag 'Total Amount' to Columns shelf
- Drag 'Trip Distance' to Rows shelf
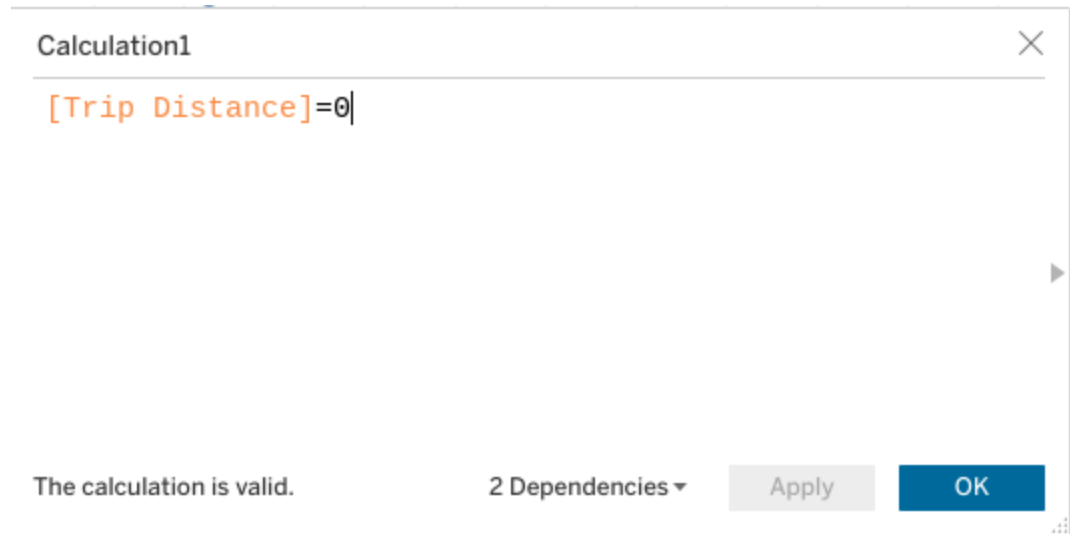
**Note:** Be sure to convert both variables from "Measure" to "Dimension."
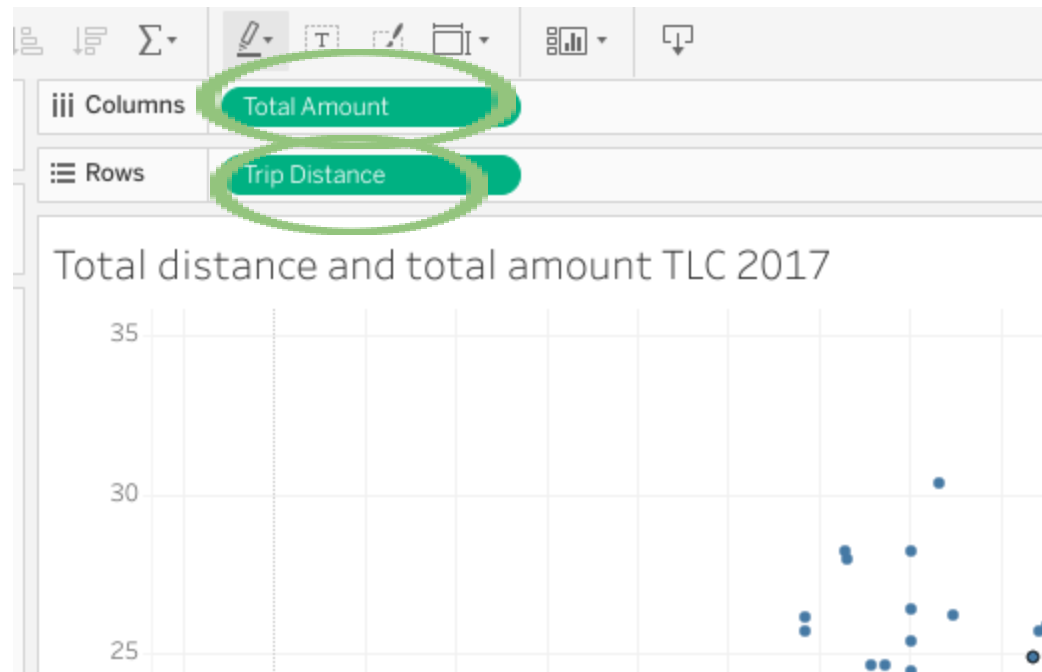
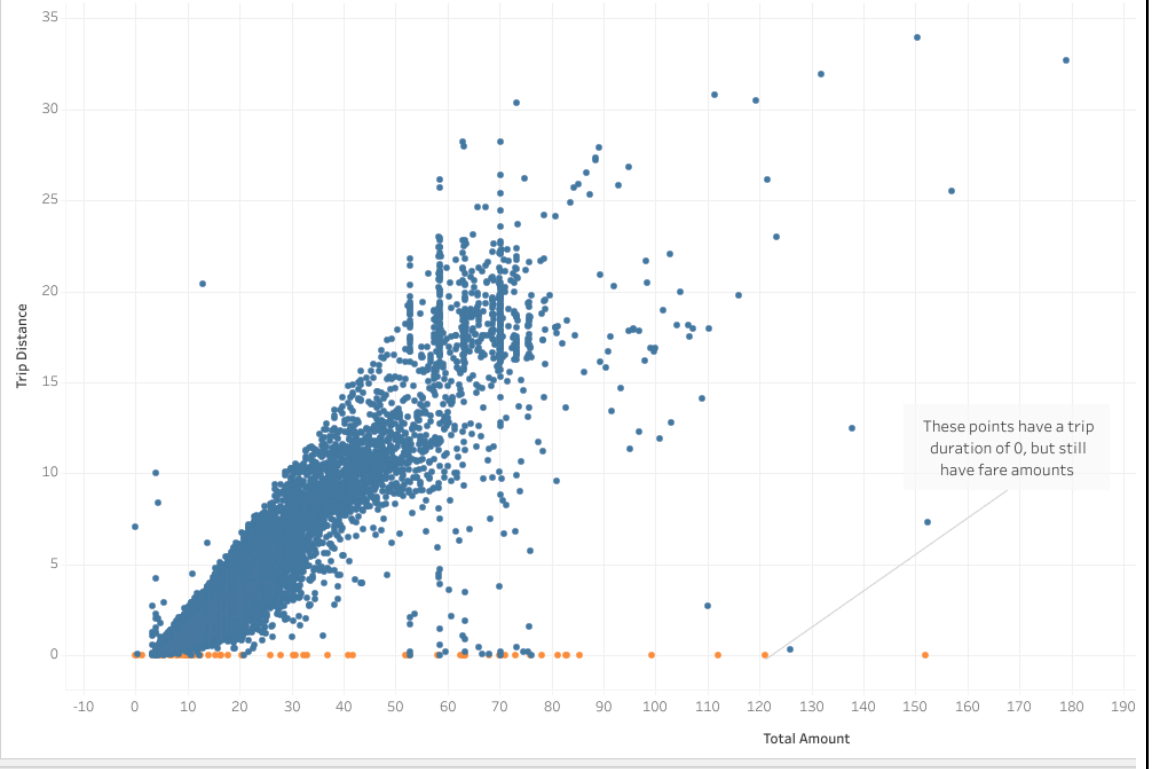|	
- Create Calculation with the "Trip Distance" variable by clicking on the "Trip Distance" dropdown and selecting "Create Calculated Field ..." - Write calculation as "[Trip Distance]=0" **Note**: Ensure 'Trip Distance" is converted to dimension before creating a calculated field.	Calculation1 ✕ [Trip Distance]=0 The calculation is valid. 2 Dependencies ▾ Apply OK
Drag your new calculation variable to the "Colors" box.	
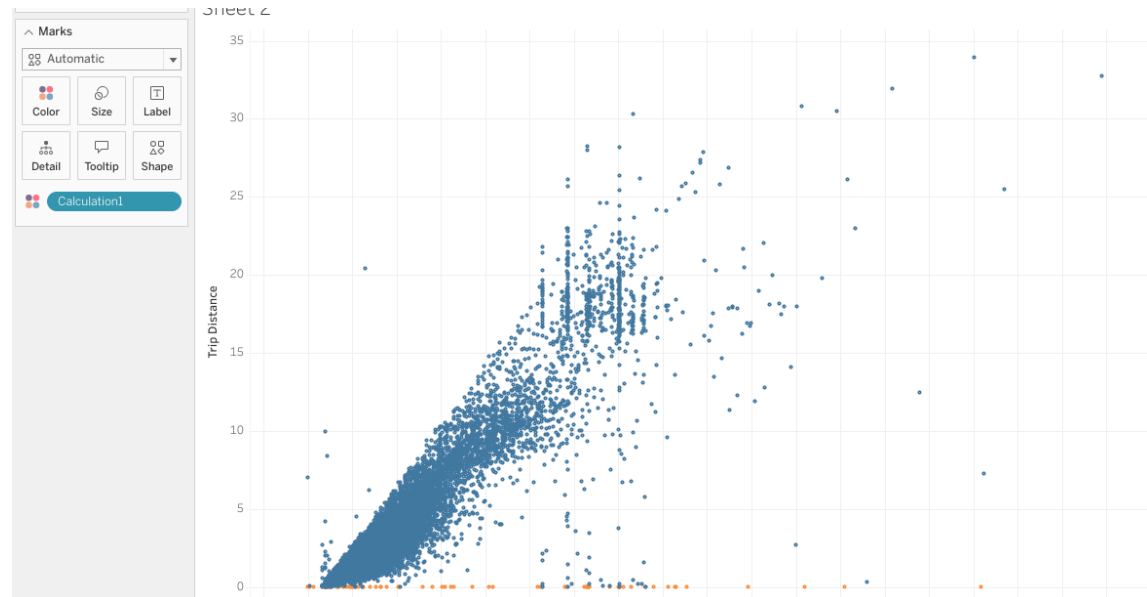
● Set viz title and an annotation for clarity	
Take a screenshot of your visualization and plug it into your executive summary!	