

The goal of this lab is to filter and visually represent your **Tableau Training Data**. In this lab you will list two questions you want to answer with your Tableau Training data, filter the data to extract only the data needed to answer the two questions and generate visualizations of the filtered data.

By the end of this lab you should be able to:

Remember	<i>Describe</i> what happens in the represent stage.
Understand	<i>Describe</i> what stages are impacted by the represent stage and how.
Apply	<i>Demonstrate</i> the ability to use the appropriate visualization tool/chart/layout for the task.
Evaluate	<i>Determine</i> if the data is sufficient or if additional data is needed.
Analysis	<i>Determine</i> if sufficient data is available to visually represent the data.
Create	<i>Plan, generate, and produce</i> insightful visualizations.

Part I: Filter & Represent Activity Worksheet

Use the following link to complete the Filter & Represent Activity Worksheet

<https://tinyurl.com/Filter-and-Represent-Worksheet>

Your responses will be emailed to you. Save your responses as a PDF file.

You should create a minimum of two visualizations from the same data set (the Tableau data set)

For each visualization provide a paragraph to support the visualization (in a separate file). You may use any visualization tool of your choosing. Make sure you use data visualization best practices (See Data Visualization Check list).

Take a screen capture of your visualizations and **save each visualization as a separate .jpg file**:

LastNameFirstInitial_Fig1.jpg

LastNameFirstInitial_Fig2.jpg

(PNG files WILL NOT be graded)

Upload your supportive paragraphs in this file.

Fig1 Caption:

This visualization shows the comparison between the number of Netflix titles in each genre category and in doing so also shows which genre category has the most and least number of titles. On view 1, the longer the horizontal bar (the farther left it extends) indicates the genre category with the highest number of titles. On view 2, the bigger the shape and the darker the color indicate the country with the higher number of titles.

Add more pages if needed.

Fig2 Caption:

This data visualization shows the comparison between the numbers of Netflix titles that come from the various countries and shows which countries have the most titles. On view 1, the bigger the shape and the darker the color indicate the country with the higher number of titles. On view 2, The bigger the bubble (blue circle) the more titles that particular county has. Which also indicates the country with the most titles (the biggest bubble).