

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.

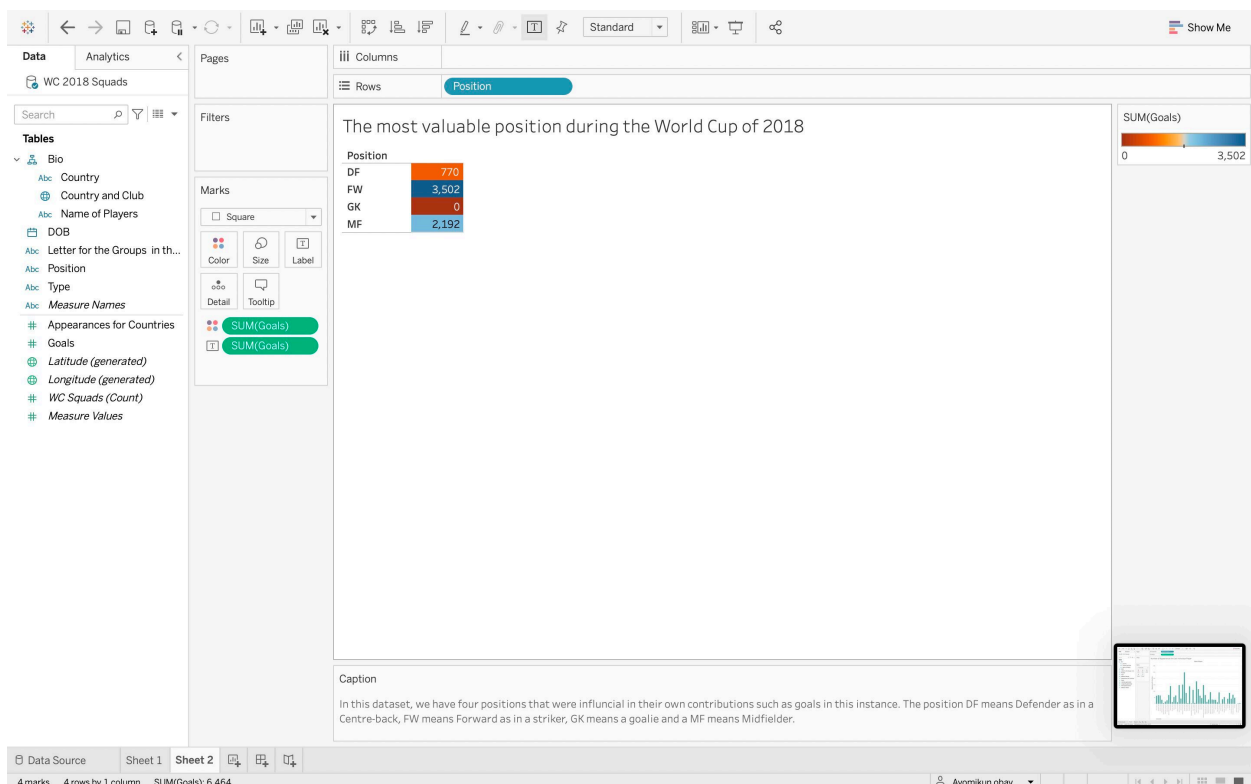
By the end of this lab you should be able to:

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.

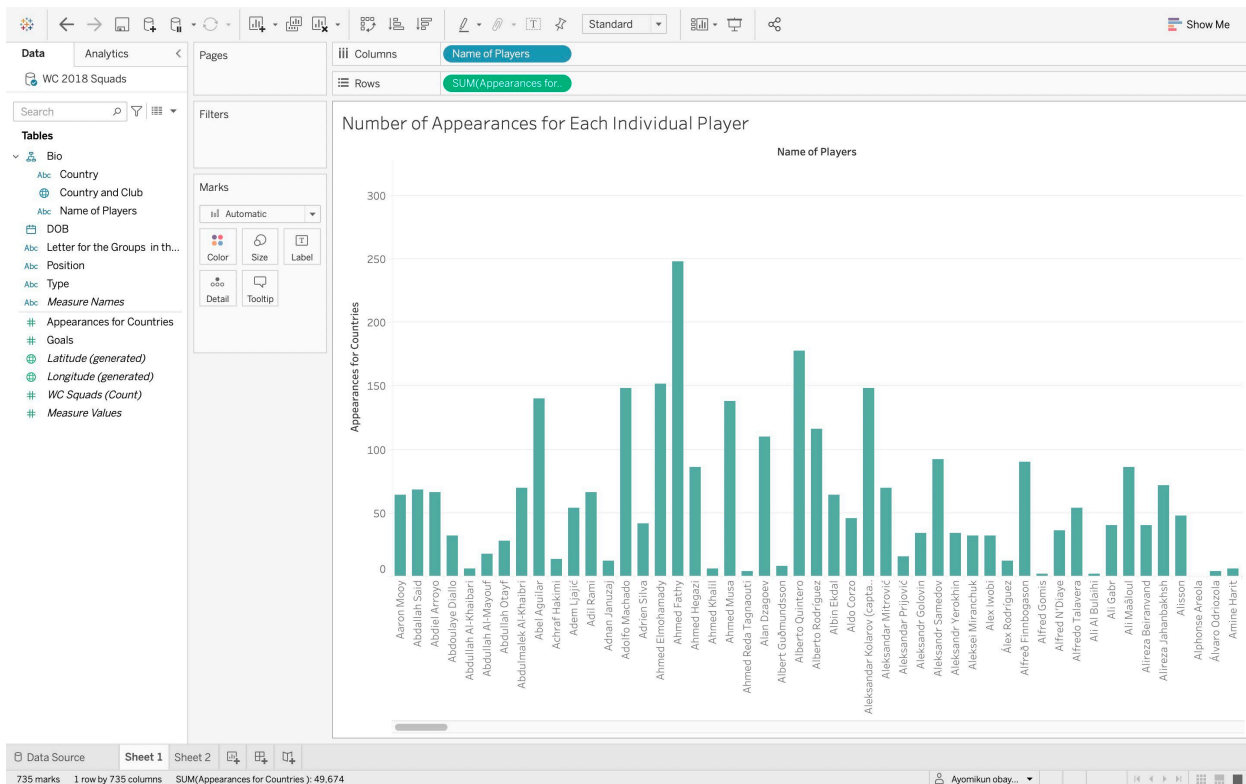
Part I: Filter & Represent Activity Worksheet

Use the following link to complete the Filter & Represent Activity Worksheet
<https://tinyurl.com/Filter-and-Represent-Worksheet>

I used a graph that was quite basic because I didn't ideally find any of the graphs that Tableau provides useful except for the highlight table which will allow my audience,



viewers, and anyone else that looks at my data to easily understand what is happening within my dataset. There are also acronyms that I provided in the caption section for if any of my audience forgets the meaning of them or if my audience isn't soccer fans. I basically wanted to measure which position had the most goals during the 2018 World Cup. I also wanted to make it more challenging for myself by figuring out which position had the most goal during the group stage but my data source is secondary and not primary. I made the rows (goals) my y-axis and the position my x-axis



For my first visualization, I used a horizontal bar to picture the number of appearances for each individual player that played in this year's World Cup. I felt it most describes the dataset that I have because it is easy to understand for anyone, whether the audience doesn't understand the sport or does understand the sport. Color-wise, I tried to find a color that wasn't tied down

to the restrictions of being color blind and also a color that wasn't too bright or dull. Ideally, I am not the best whenever it comes to adding color to a graph so I would appreciate any guidance on this aspect.