Exercise 2: The Simpsons
Formatting your Data

Objectives

1. Apply & edit filters
2. Learn how to change & apply a color palette
3. Learn how to edit a title in a workbook and insert variable names
4. Explore the format pane

Filtering & Formatting

1. Open the Tableau starter workbook called **Exercise 2 Simpsons Starter** in the Exercise Starter Workbooks folder and create a viz that shows Exercise Ratings by Season for Bart.
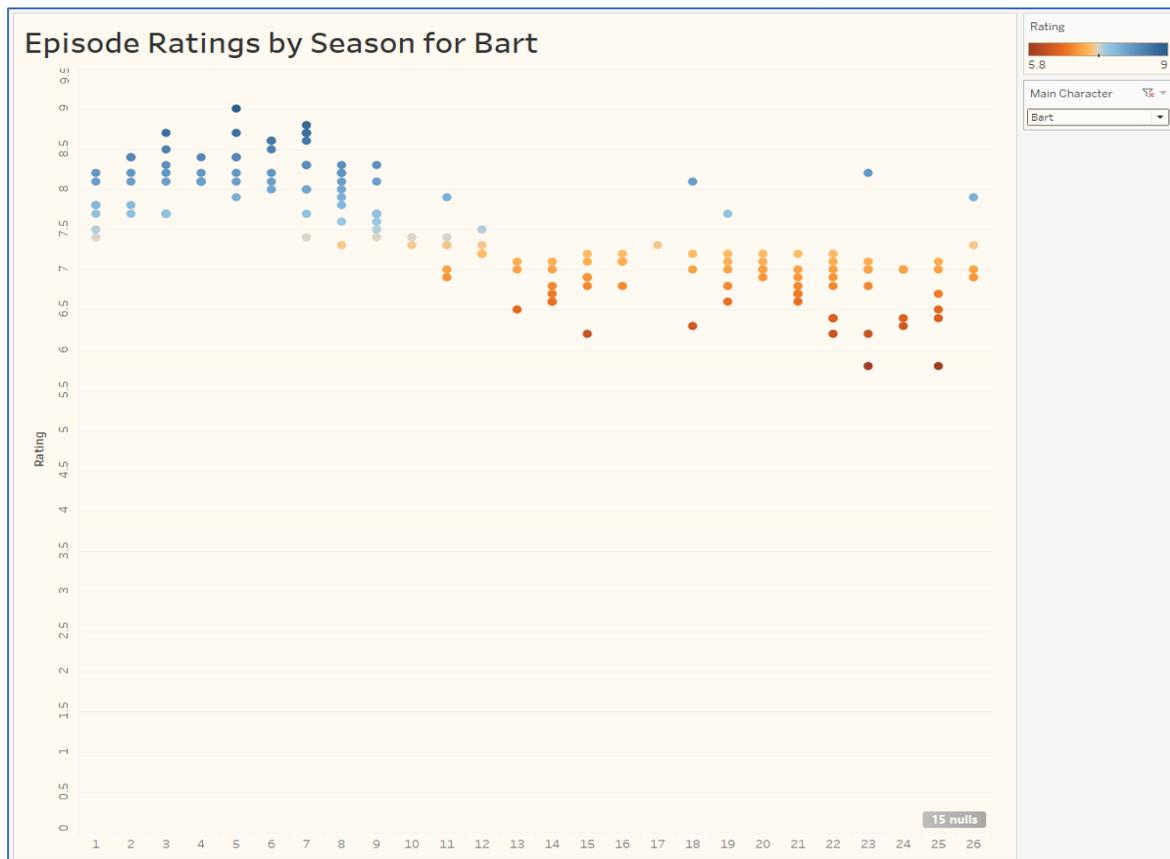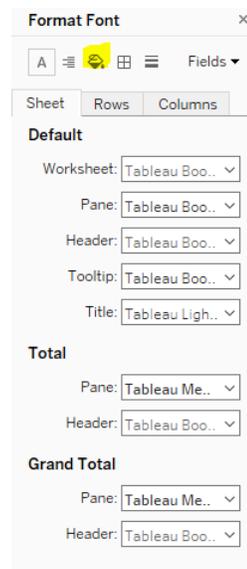
2. In a new worksheet drag the field **Main Character** from the Dimensions Pane to the Filters Shelf. Select **Use All** in the pop up that appears and click OK.
3. Right click on the pill now in the Filters Shelf and select **Show Filter.** The filter appears. When we select the dropdown carrot in the top right corner, we see it has defaulted to Multiple Values (list). Select instead **Single Value (dropdown).**
4. Double click on the title **Rating per Season,** and notice that Tableau pulls the sheet name for the title. Delete this field and instead type in **Episode Ratings by Season for**, then click on "Insert" along the top bar and select **Main Character.** Notice it has highlighted the field in grey. Select OK and see how the title has changed.
5. Double click again on the title and change the font, size and boldness appropriately.
6. On the Marks Shelf click the Color Mark and select **Edit Colors.** Change the palette to **Orange-Blue Diverging.** We want to make this a diverging color palette because we want to identify those that fall below the average mark clearly.
7. Right click on the **Season** header in the graph (under the title) and select **Hide Field Labels for Columns.**
8. Right click in the background of your graph and select **Format…** to open the formatting pane on the left-hand side.
9. First select the shading icon (highlighted below) and change the color of **Worksheet** appropriately:

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10. Now, select the **Fields** drop down (highlighted below):

11. Begin with **Season** and change the font & size appropriately. Play around with editing the shading as well. Then select **Rating** and adjust appropriately as well. Play around with the **Ticks** and **Numbers** options. When might you want to adjust the Numbers format? Select a **custom number** format and type in "0.0 Rating" and see how the viz adjusts.

Question 1: What does the figure at the bottom represent (XX nulls)?