

WorkShop8

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Instructions:

- The workshop can be completed **individually** or **in team of two (recommended)** (with the pair working together and receiving the same mark).
- This workshop is worth 2.5% of the total course grade and will be evaluated through your written submission.
- Please submit the submission file(s) through Blackboard. **Only one person must submit for the group and only the last submission will be marked.**

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Part One: Create Stacked Bar ChartA

- Step1.** Download [Hospital Visits.xlsx](#) from blackboard.
- Step2.** Open Tableau Desktop, and then connect to Microsoft Excel file
- Step3.** Create New Sheet, name it as “**StackedBarChartA**”
- Step4.** Place [Department](#) on Rows, [Number of Patient Visits](#) on Columns, and [Patient Risk Profile](#) on Color. You'll now have a single stacked bar chart.
- Step5.** Turn on labels by clicking the **T button** on the top toolbar.



- Step6.** *Pick a Title for your Chart* and add your group member name to the Title
- a. Font size for First line in the title is 20 and type is Tableau Light
- Step7.** Save your tableau file as [WS08.twbx](#).

Hint:

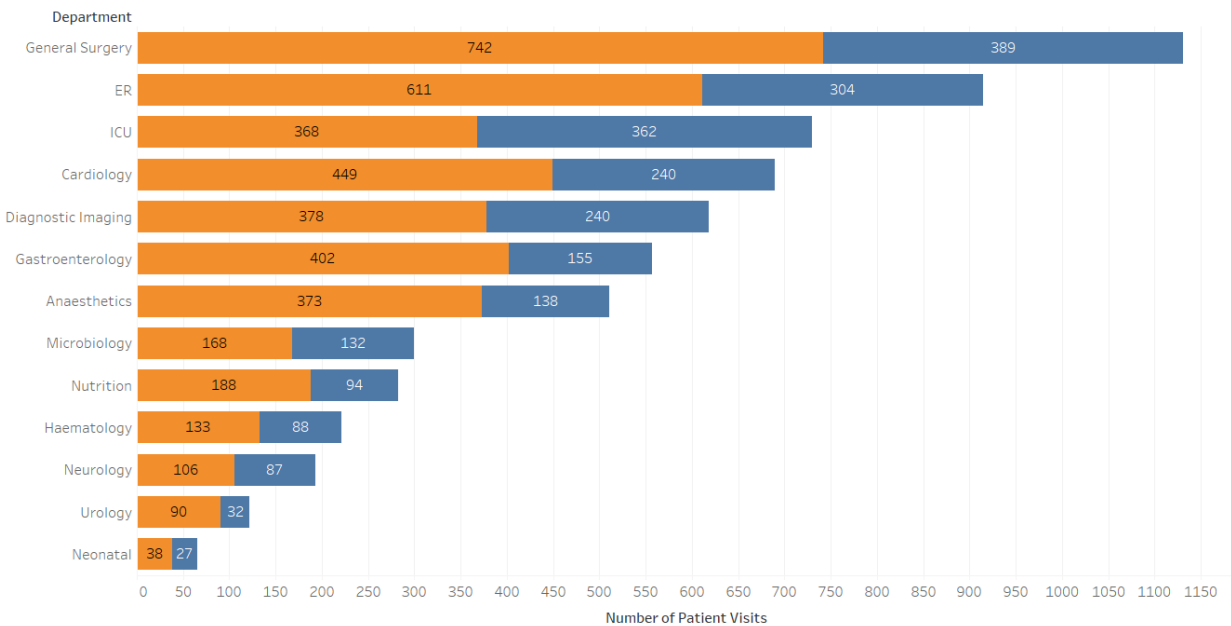
- Pay attention to data-to-ink ratio
- Apply Pre-Attentive Attributes to your Chart
- Apply design concepts to your Chart
- Add any annotation or labeling that can help you.

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Question 1. Copy and Paste the created **StackedBarChartA** here. Replace the figure below.

<<<<<This is a draft line Chart>>>>>

Pick a Title for your Chart and add your group member name



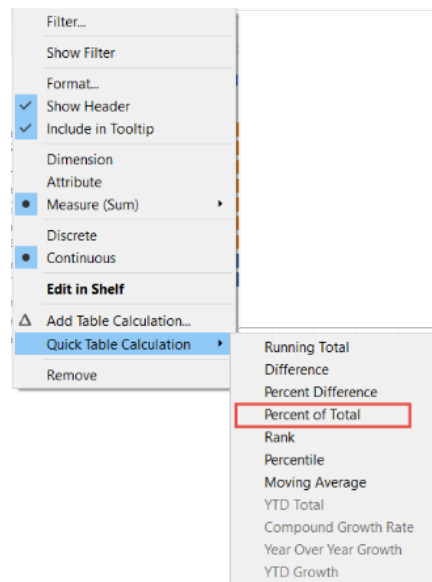
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Part Two: Create Stacked Bar ChartB

Step1. Create New Sheet, name it as “**StackedBarChartB**”

Step2. Place **Department** on Rows, **Number of Patient Visits** on Columns, and **Patient Risk Profile** on Color. You'll now have a single stacked bar chart.

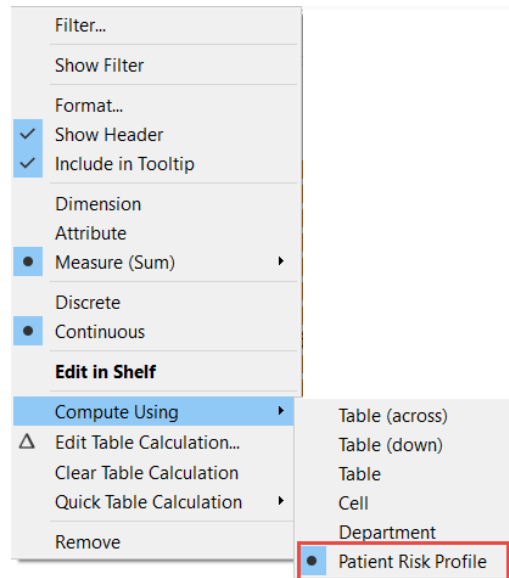
Step3. Using the drop-down menu of the second **Number of Patient Visits** field, select Quick Table Calculation | Percent of Total.



This table calculation runs a secondary calculation on the values that were returned from the data source to compute a percent of the total. Here, you will need to further specify how that total should be computed.

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Step4. Using the same drop-down menu, select **Compute Using | Patient Risk Profile**. This tells Tableau to calculate the percent for each Patient Risk Profile within a given department. This means that the values will add up to 100% for each department.



Step8. Turn on labels by clicking the **T button** on the top toolbar.



Step9. Pick a Title for your Chart and add your **group member name** to the Title
b. Font size for First line in the title is 20 and type is Tableau Light

Step10. Save your tableau file as **WS08.twbx**.

Hint:

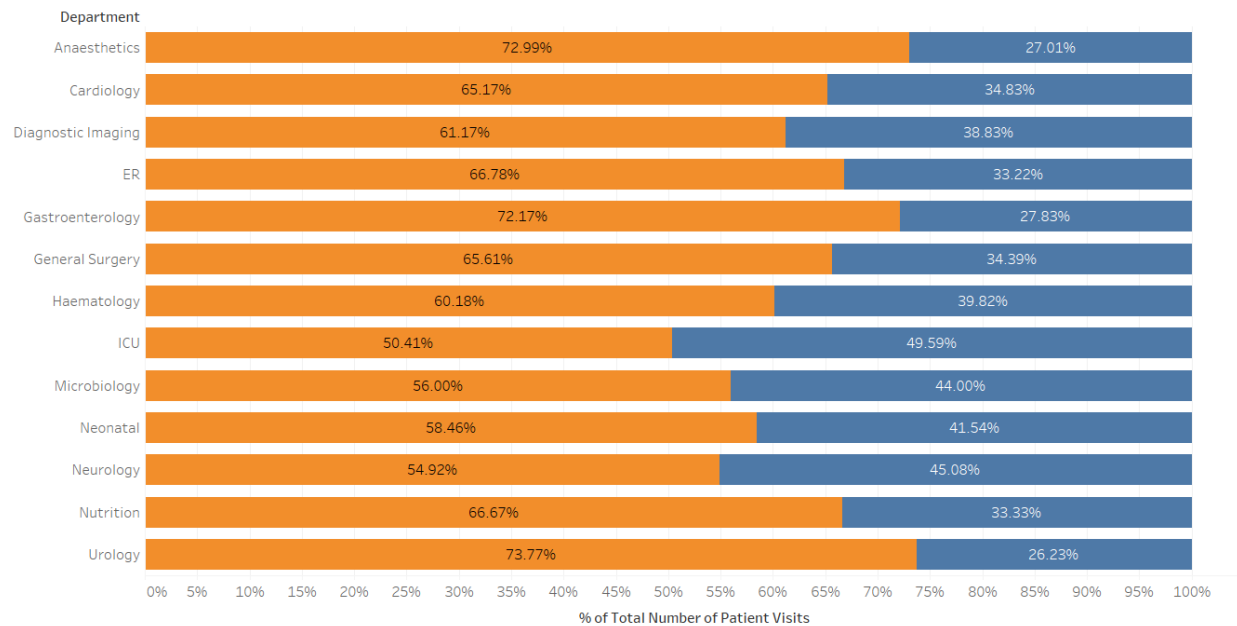
- Pay attention to data-to-ink ratio
- Apply Pre-Attentive Attributes to your Chart
- Apply design concepts to your Chart
- Add any annotation or labeling that can help you.

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Question 2. Copy and Paste the created **StackedBarChartB** here. Replace the figure below.

<<<<<This is a draft line Chart>>>>>

Pick a Title for your Chart and add your group member name



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Part Three: Compare

Question 3. Compare between the two charts: **StackedBarChartA** and **StackedBarChartB**.

- In **StackedBarChartA**, we use the absolute number.
- In **StackedBarChartB**, we use the percent of total.

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Deliverables:

SENECA'S ACADEMIC HONESTY POLICY

As a Seneca student, you must conduct yourself in an honest and trustworthy manner in all aspects of your academic career. A dishonest attempt to obtain an academic advantage is considered an offense and will not be tolerated by the College.

Add this declaration to your submission file:

I/WE, ----- (mention your name/names), declare that the attached assignment is our own work in accordance with the **Seneca Academic Honesty Policy**. I/We do not copy any part of this assignment, manually or electronically, from any other source including web sites, unless specified as references. I do not distribute my work to other students.

	Name	Task(s)
1		
2		

Using Blackboard, submit the following files

1. Report as Pdf file
2. WS08.twbx

If you work on team of two then save as

<StudentID1>_<StudentID2>_<Lastname1>_<Lastname2>_ws8.???

If you work on team of two then save as

<StudentID>_<Lastname>_ws8.???