Seneca | SCHOOL OF SOFTWARE DESIGN & DATA SCIENCE

WorkShop3

Contents

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Instructions:

- The workshop can be completed in **group of four (recommended)**.
- All members should work together to complete the workshop and they will receive 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: Bar Graphs

Step1. Download WS03_1.tde from blackboard.

Step2. Open Tableau Desktop.

 ➢ Choose Open > File and select WS03_1.tde.

Question 1. Create the following bar graph, with all details as shown below.

 ➢ **Add your group number to the title of the chart.**

 ➢ Paste the image here to replace the given figure.

 ➢ Save your tableau file as **WS03_A.twbx** and then you will submit this file with your pdf report through blackboard.
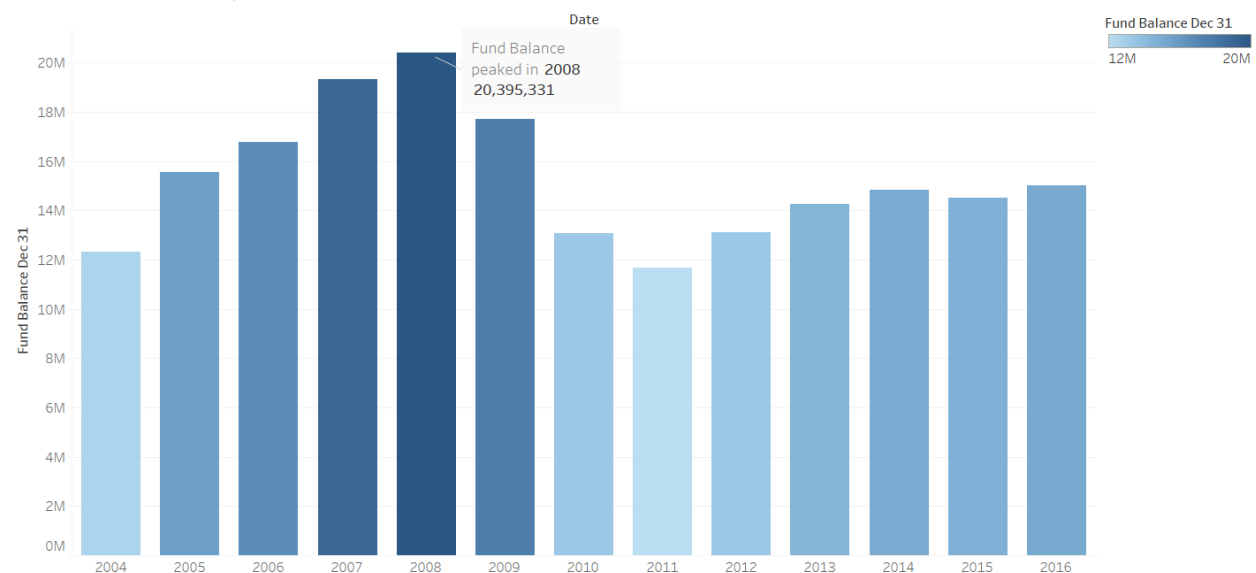
Hints:

- Drag and drop Fund Balance to Marks > Color.
- Right click the highest bar and choose Annotate > Mark. Edit the recommended text (without writing the actual data values). (Font Size is 10)
- Do not forget to change the size from **Standard** to **Entire View**
- Font size for First line in the title is 20 and type is Tableau Light
- Font size for second line in the title is 15 and type is Tableau Light

Answer 1.

Group 3

Sussex Country Year End Fund Balance Record
Fund Balance as of 12/31

Fund Balance peaked in 2008
20,395,331

Sum of Fund Balance Dec 31 for each Date Year. Color shows sum of Fund Balance Dec 31.

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Part Two: Line Graphs

Step1. Download WS03_2.tde from blackboard.

Step2. Open Tableau Desktop.

➢ Choose Open > File and select WS03_2.tde.

Question 2. Create the following line graph, with all details as shown below.

➢ Add your group number to the title of the chart.

➢ Paste the image here to replace the given figure.

➢ Save your tableau file as **WS03_B.twbx** and then you will submit this file with your pdf report through blackboard.

Hints:

- Read about how tableau can blend axes for multiple measures into a single axis. So, Measures can share a single axis so that all the marks are shown in a single pane.
- To blend multiple measures, drag one measure or axis and drop it onto an existing axis
- Right click the rightmost point on each line and choose Annotate > Point to add the legend next to each line series (Font Size is 15)
  - ○ Choose the text color by More colors > Pick Screen Color and clicking on the legend colors
  - ○ Format the annotation and turn off shading and line
- Do not forget to change the size from **Standard** to **Entire View**
- Font size for First line in the title is 20 and type is Tableau Light, Bold
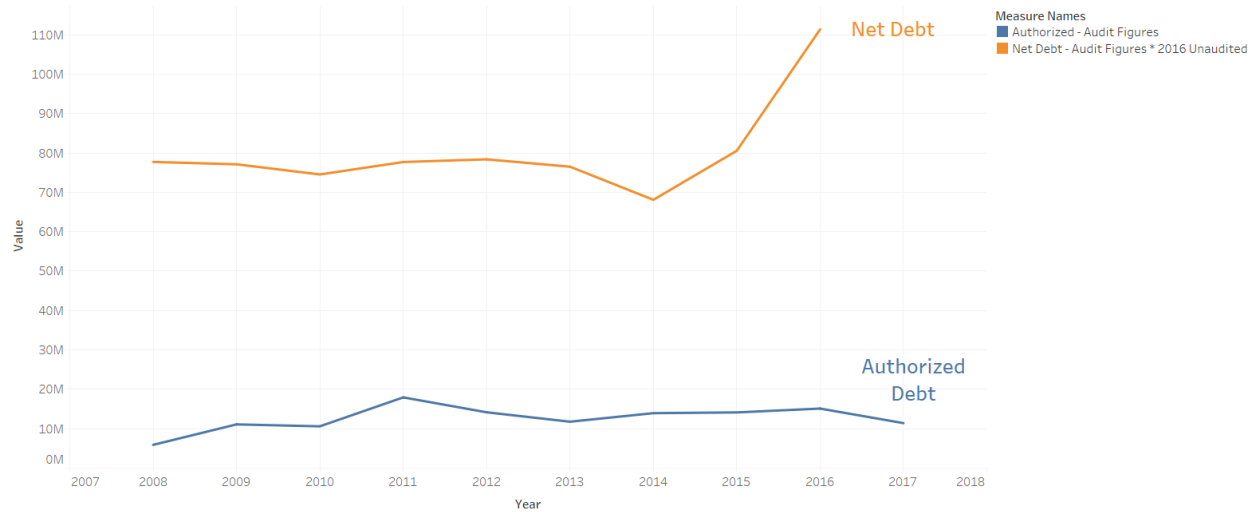- Font size for second line in the title is 15 and type is Tableau Light

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Answer 2.

Group 3
Sussex Country Annual Debt
Authorized debt compared to actual net debt

The trends of Authorized - Audit Figures and Net Debt - Audit Figures * 2016 Unaudited for Year. Color shows details about Authorized - Audit Figures and Net Debt - Audit Figures * 2016 Unaudited.

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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, members of Group 3, 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	Chahat Kaur Chhabra	Question 1
2	Kajal Rajan	Question 1
3	Mahesh Kumar Amda	Question 2
4	Amandeep Singh Saluja	Question 2

Using Blackboard, submit the following files

1. **Report as Pdf file**
2. **WS03_A.twbx**
3. **WS03_B.twbx**

Save your group work as

<**GroupName**>_ws3.???