



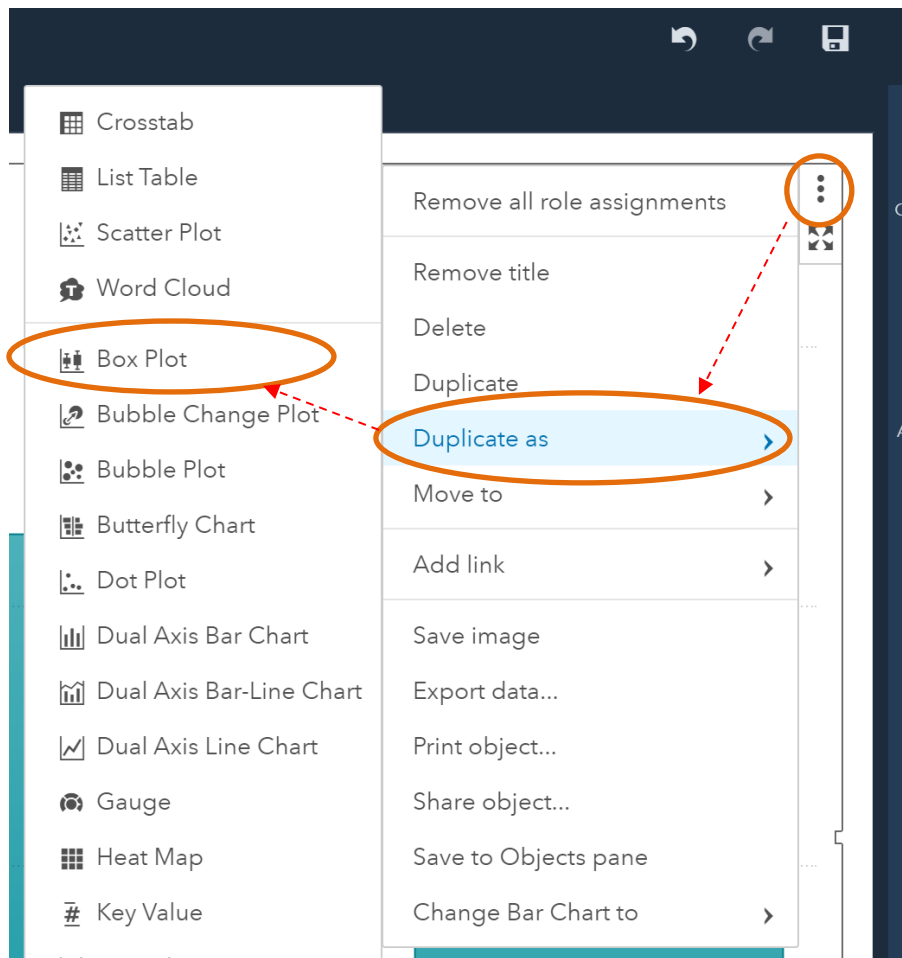
Assignment 2: Choosing the Most Appropriate Visualization

In this assignment you will learn how to use SAS VA on Viya “Explore and Visualize Data” to answer specific business questions. You will have to decide which visualization to use in order to best answer each of the questions. As you will see, some charts are better than others in conveying specific visual insights and/or in creating/providing the desired analytics results for a given problem.

First, open the INSIGHT_TOY_DEMO data source in SAS VA on Viya “Explore and Visualize Data” and answer the following questions. **Make sure to include the specific answers to the questions in the Table of Contents page that you will create.**

1. What is the Product Sale for each country in South America? Use at least three types of charts and suggest which one in your opinion works the best in answering this question. **Make sure to utilize the Geo Map for one of your charts.**

Hint: After you create the first chart, you can copy your chart into a new chart type using the **Duplicate as** chart-menu option, as shown in the following diagram. You can do so for your second and third charts/pages.



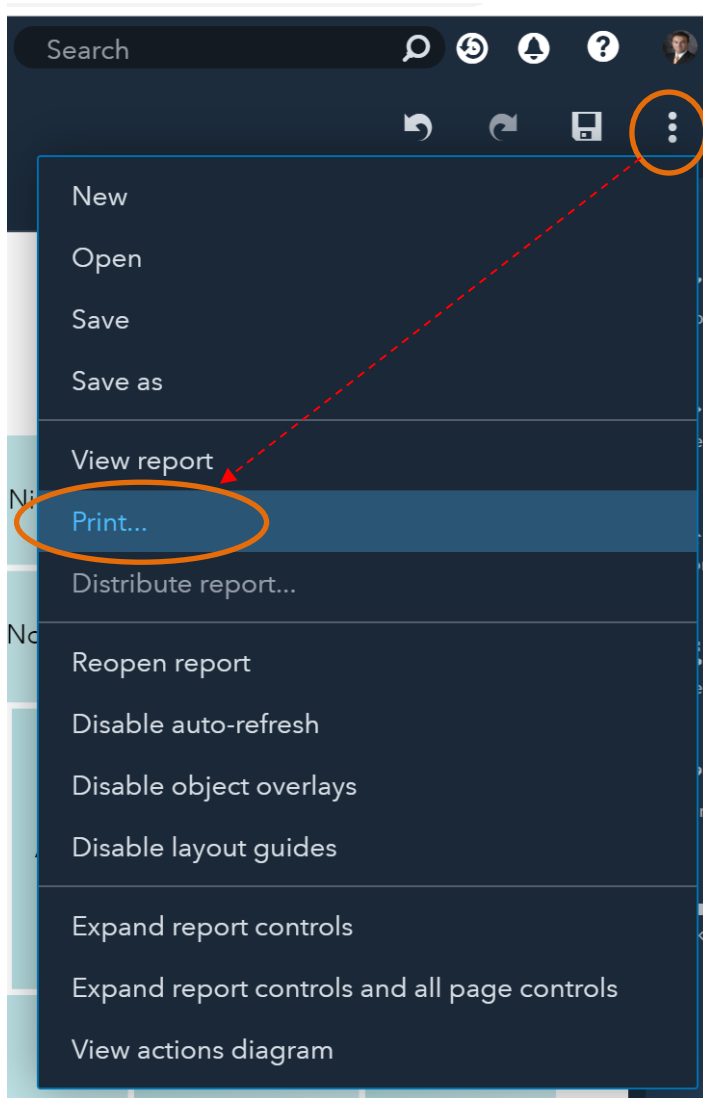
2. How much was the product sale of “Kiosk” product line in Vancouver and in Toronto in 1998? Once again, use three different charts of your choice to answer this question. Try to show the numeric values on the chart. Save your three answers using the same process described in the previous question.
3. In which two months of 1998 the Product Cost of Sale was the lowest in Atlanta? What were the numerical values for those two months (show the numerical values on the chart)? Choose and use just one chart to answer this question.

Once all of the charts are complete, you should create a new page for Table of Contents, where you can number and list the questions and corresponding answers (numerical and other types of answers), as you have done in Homework Assignment 1.

Upon completing all three tasks and the Table of Content page, resort the pages, save your report as Homework Assignment 2, and print your report as a PDF file as described below:

Create and Submit Your Homework Assignment

Upon completing all four tasks, print your assignment into PDF format as described below:



Print to PDF

Document Setup

Select Objects

Page Setup

Paper size:

Letter

Orientation:

Portrait

Landscape

Margins

Units:

Inches

Top:

0.25

Right:

0.25

Left:

0.25

Bottom:

0.25

Options

Show page numbers:

Show empty rows and columns in table:

Include printed Table of Contents:

Include appendix information:

Include comments:

Include supplemental tables:

Expand clipped and non-visible content:

Include cover page:

Cover page text:

Answers to the three questions:

Question 1. I used the following three carts to answer this question: [here comes your chart choices]. The best one of

Print

Cancel

Notice that you can add any type of explanatory text in this field to make your report more descriptive.

On Print dialog box, select the pages you want to export/print, as shown below.

Print to PDF

Document Setup

Select Objects

Choose visual elements:

☐ Print all items ☒ Print selected items

Objects:

☒ Select

▸ ☒ Page 1

▸ ☒ Page 2

▸ ☒ Page 3

▸ ☒ Page 4

▸ ☒ Page 5

▸ ☒ Page 6

▸ ☒ Page 7

Then click on Print. Save the PDF file with a proper name as required by your professor.

Your second assignment is now complete. Submit the file by uploading it to the learning management system by the due date/time.

Best –

D. Delen