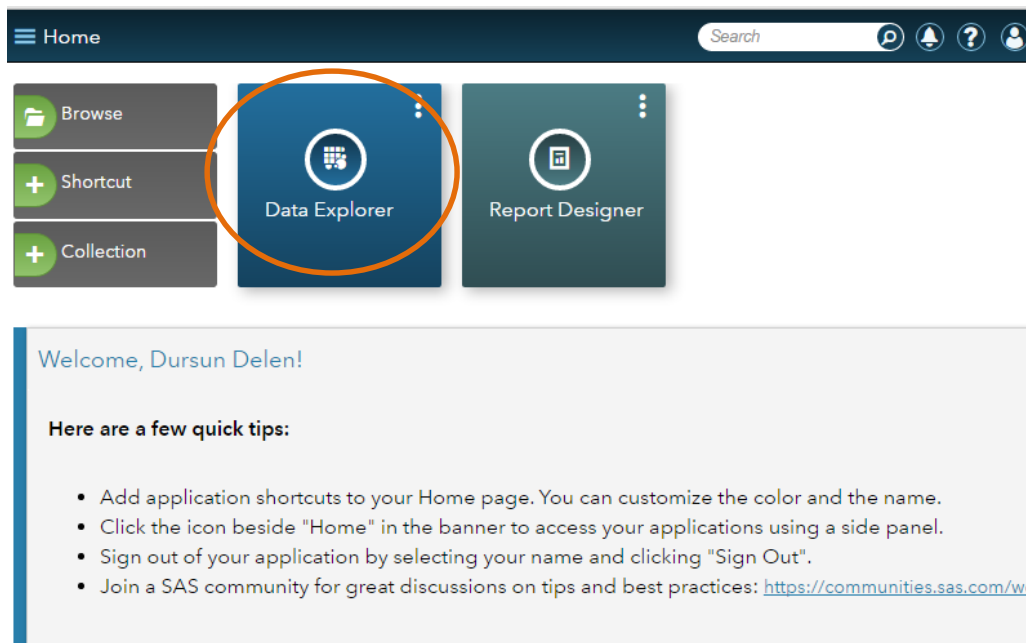**Part 1: Introduction to SAS Visual Analytics**

This assignment includes several basic tasks of data exploration within SAS Visual Analytics (SAS VA) environment. The purpose is to get you started with SAS VA and give you a basic familiarity of how data visualization in SAS VA works.
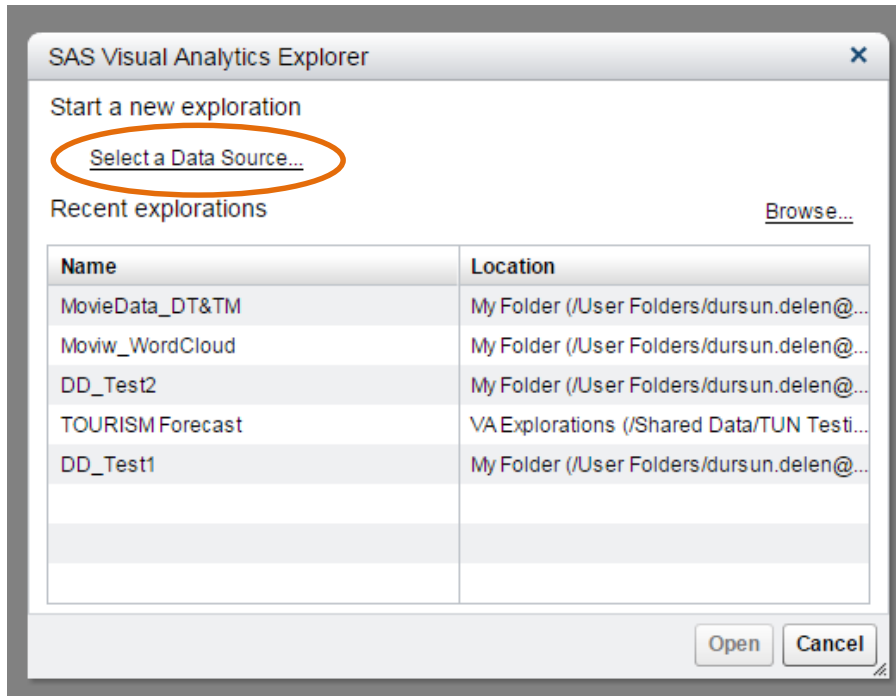
Specific Instructions

First, take few minutes and review the following video: SAS Visual Analytics: An Overview (6:02). This will give an initial understanding of the interface and the most basic tools in SAS VA.
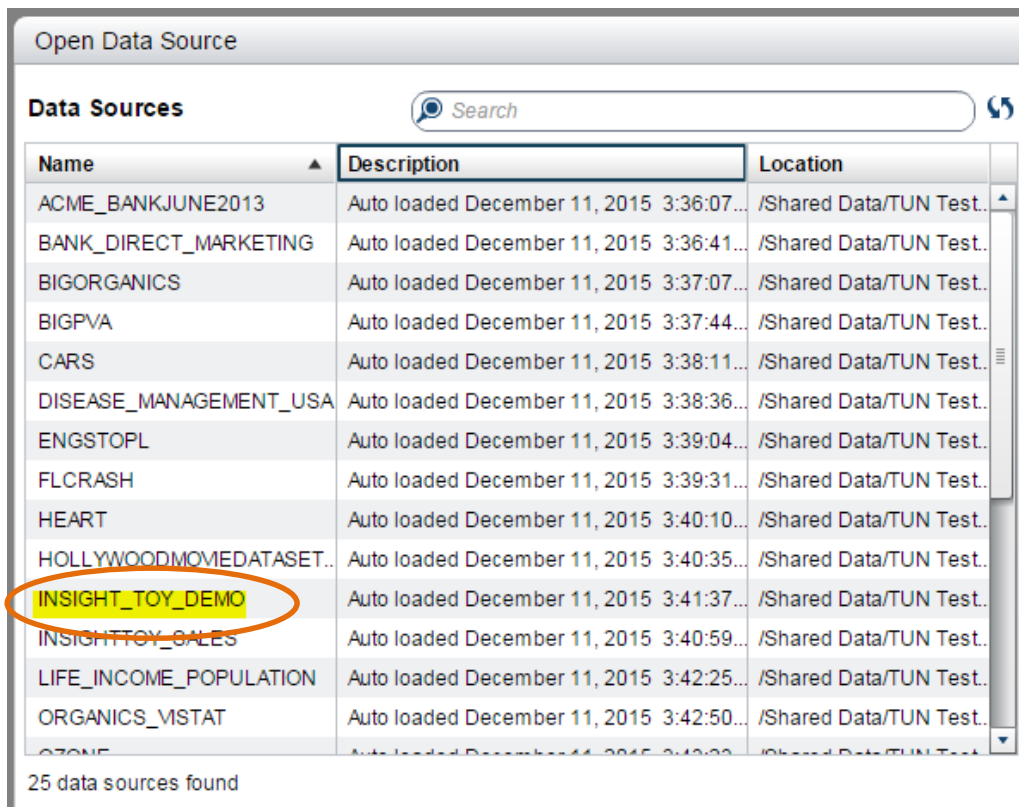
In the next step, open the SAS VA Explore menu as outlined in the next screenshot:

Then select the data source as follows:

Choose the "INSIGHT_TOY_DEMO" data source and click OPEN:

Once you reach the SAS VA Explore interface, answer the following questions using the above mentioned data source:

1. Create an automatic chart that shows the Product Cost of Sale by Facility Continent. After you're done, minimize the chart named Visualization 1 and proceed to the next question. Watch the following videos for support:

   [Create a basic visualization using SAS Visual Analytics Explorer (4:07)](#)
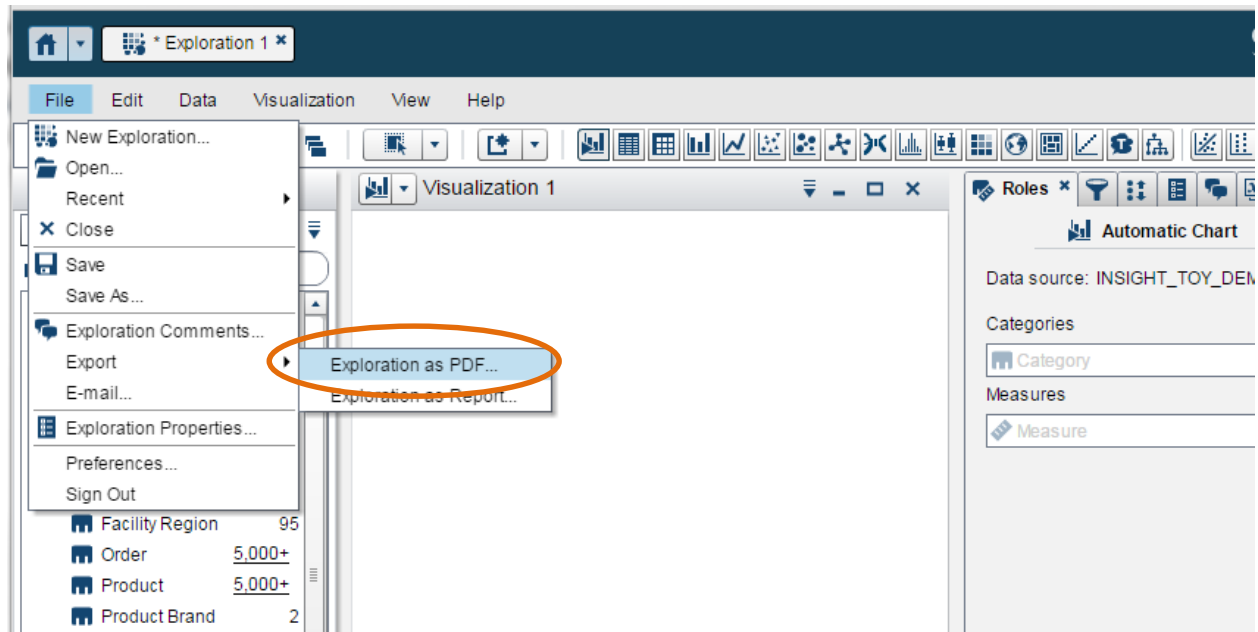
2. Create a box plot that shows the Product Cost of Sale by Product Line. After you're done, minimize the chart named Visualization 2 and proceed to the next question.

3. Create an automatic chart that shows the Unit Capacity by Transaction Date where the date format is in "Year, Quarter". After you're done, minimize the chart named Visualization 3 and proceed to the next question. Watch the following video for support:

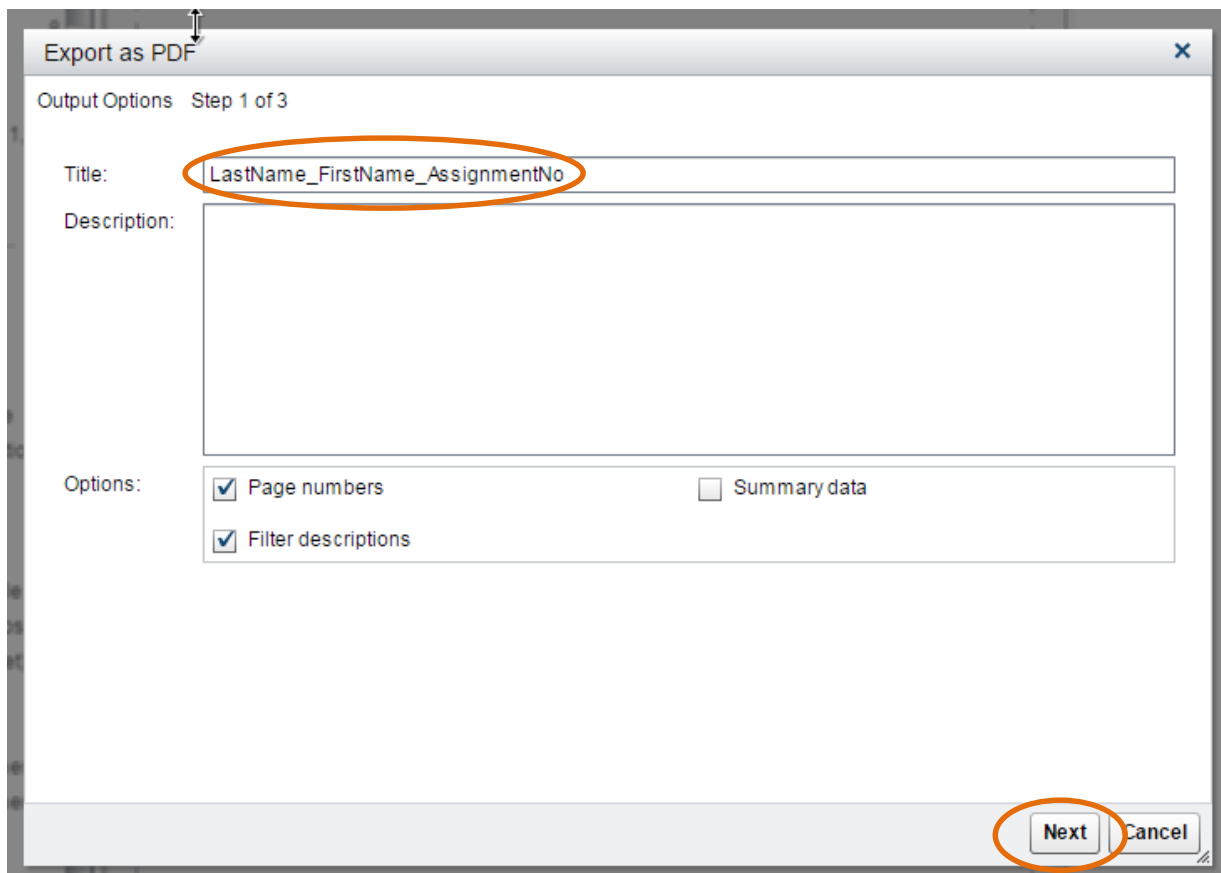   [Modify data item properties (7:59)](#)

4. Create a tree map visualization that shows Product Sale by Facility Country. Then drag and drop Product Cost of Sale as color. After you're done, minimize the chart named Visualization 4. Watch the following video for support:

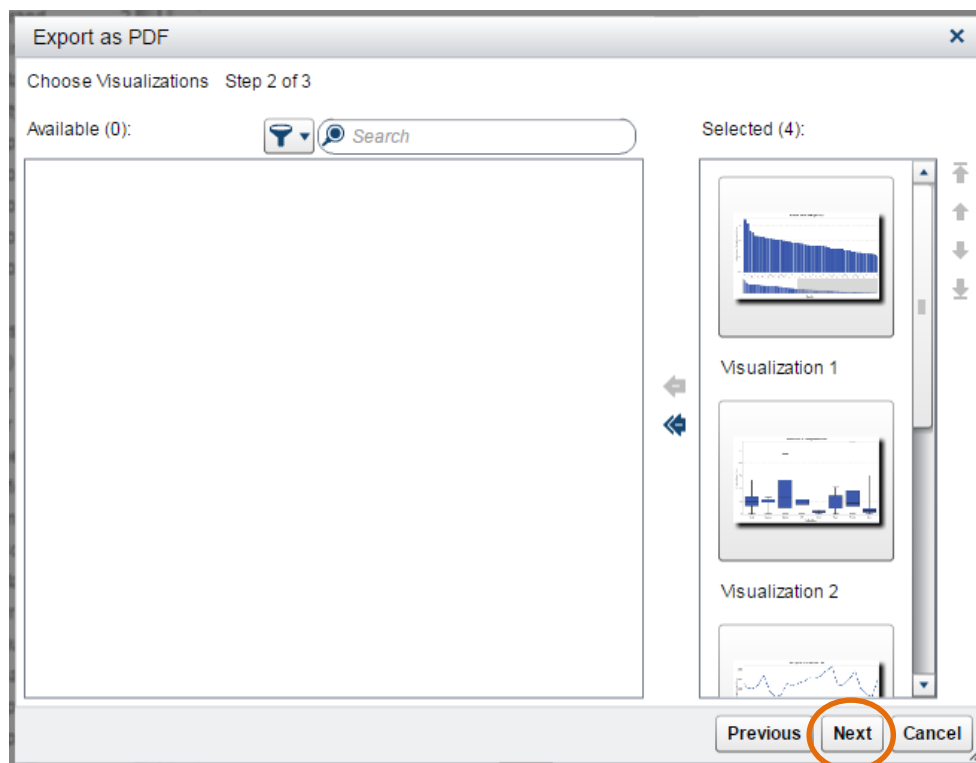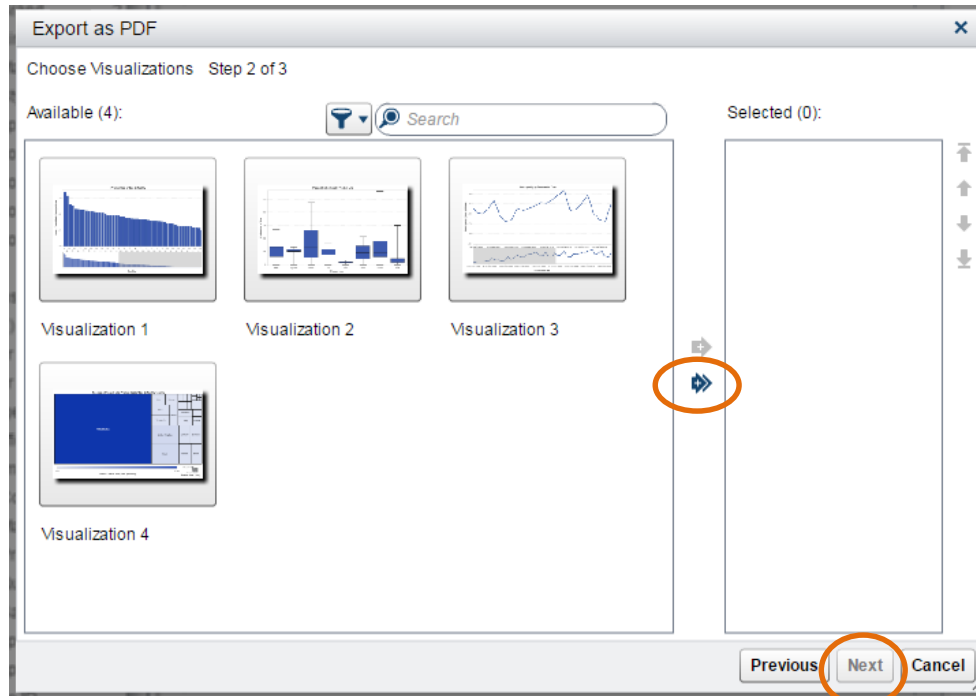   [Create a TreeMap visualization (5:38)](#)

Upon completing all four tasks, export your assignment in PDF format as described below:

Include your Last Name and First Name and click NEXT:

Drag your results in the consecutive order as shown below and click NEXT:

After the document is created, click FINISH and save the pdf file. Give the file a suitable name (e.g., SmithJPart1).