

## HW1---BUAI 434---Due by Midnight on Friday September 24<sup>th</sup>

(This HW cannot be done in group. You should do it alone.)

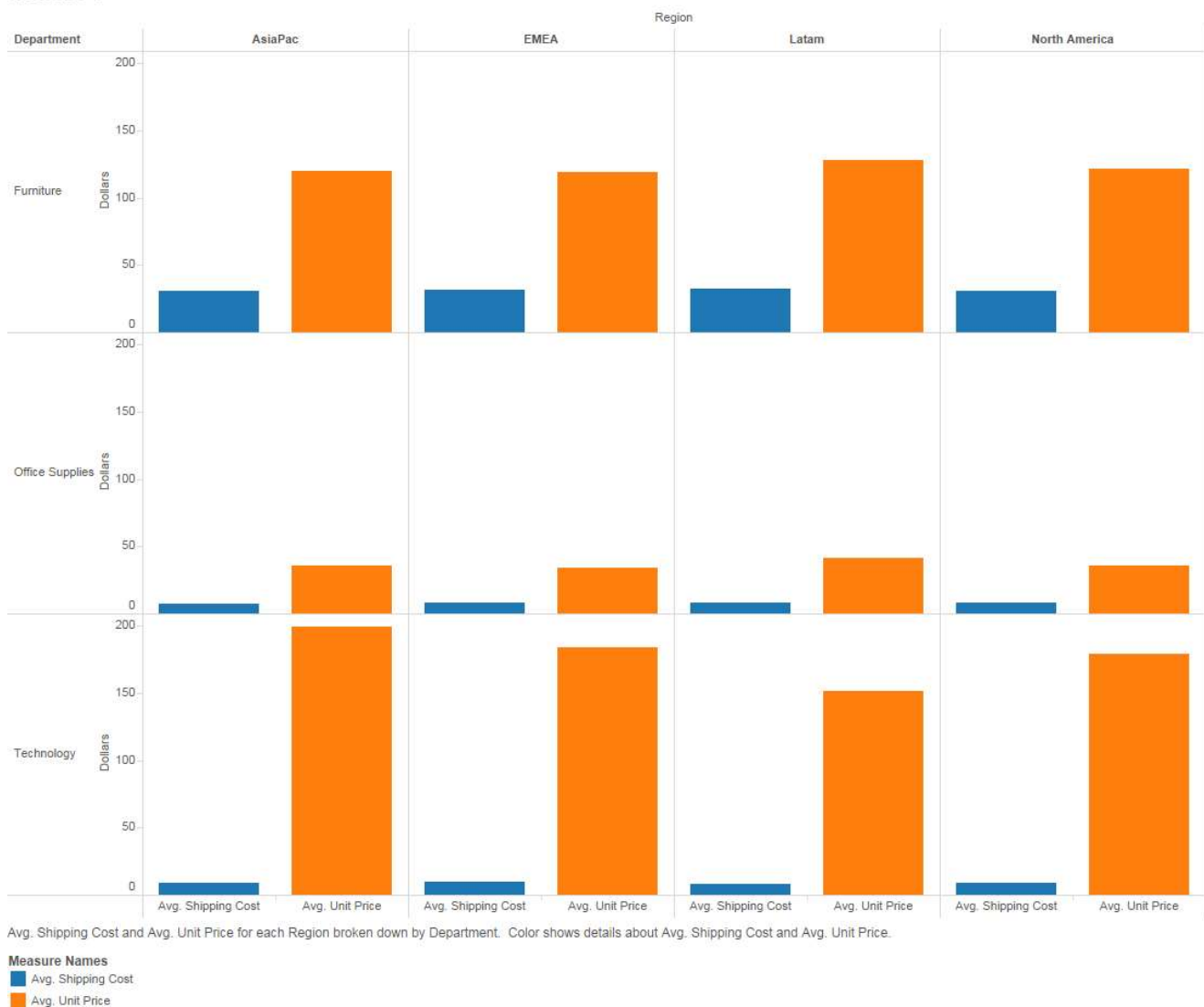
Use the file named HW1.twbx available on CANVAS for the following exercises. For each Exercise, create a new worksheet in the file HW1.twbx and name it "Exercise X" for exercise number X. There are 4 Exercises. So you should end up with 4 worksheets. Upload on CANVAS:

1- Your final "twbx" file which is renamed as: LASTNAME\_FIRSTNAME\_HW1.twbx and

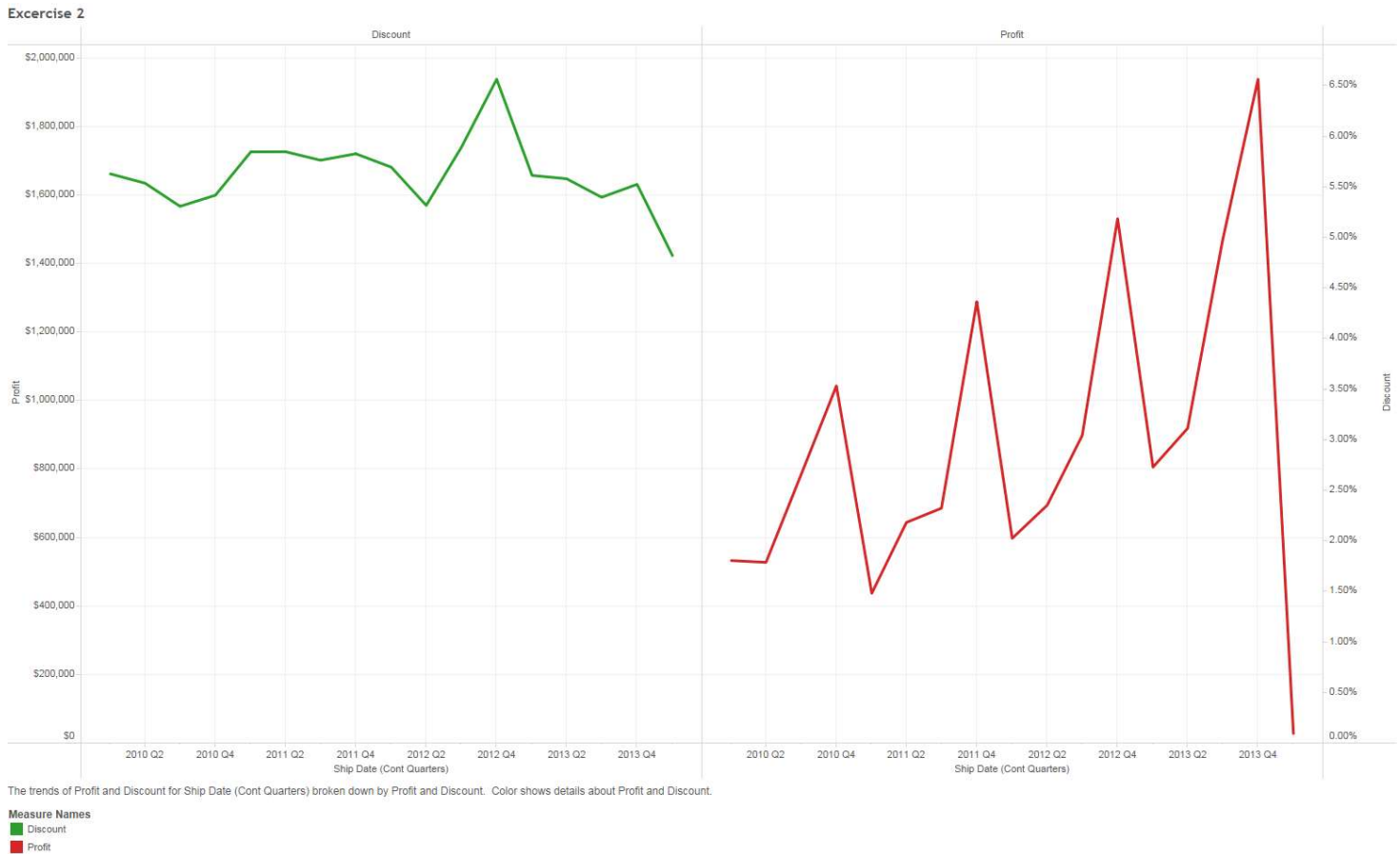
2- An MS Word file. Export the Image of each of the Worksheet in the MS Word file. Use Worksheet/Export/Image in Tableau to do that.

**Exercise 1:** Produce the following display.

### Exercise 1



**Exercise 2:** Create a quarter-based custom date value for ship date and name it “Ship Date (Cont. Quarters)”. Then use it to develop the following display:

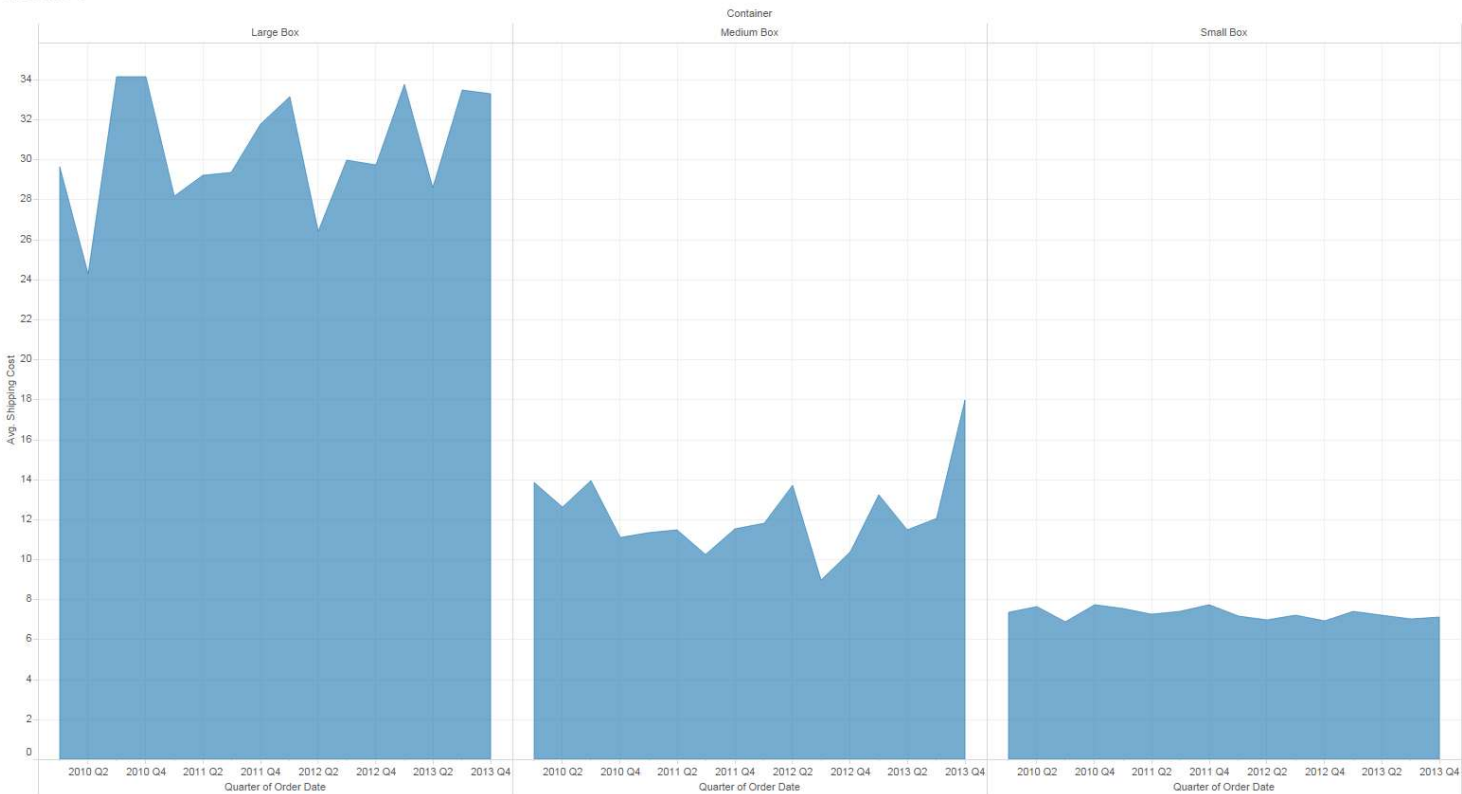


**Exercise 3:** Develop a horizontal bar graph that:

- is sliced based on firstly Department, and then SubRegion:
- the length of the bars represents the total shipping cost in each SubRegion and Department.
- in each Department, SubRegions are sorted descendingly based on total shipping cost.
- all South SubRegion bars are colored differently.

**Exercise 4:** Produce the following display:

Excercise 4



The plot of average of Shipping Cost for Order Date Quarter broken down by Container. The view is filtered on Container, which keeps Large Box, Medium Box and Small Box.