Data Visualization
Applied Assignment

This is an Individual Assignment, and the component has 45% weightage in the course.

<u>Note:</u> The Assignment submission form should be submitted as well. Your submission will not be considered without the Assignment Submission form being submitted.
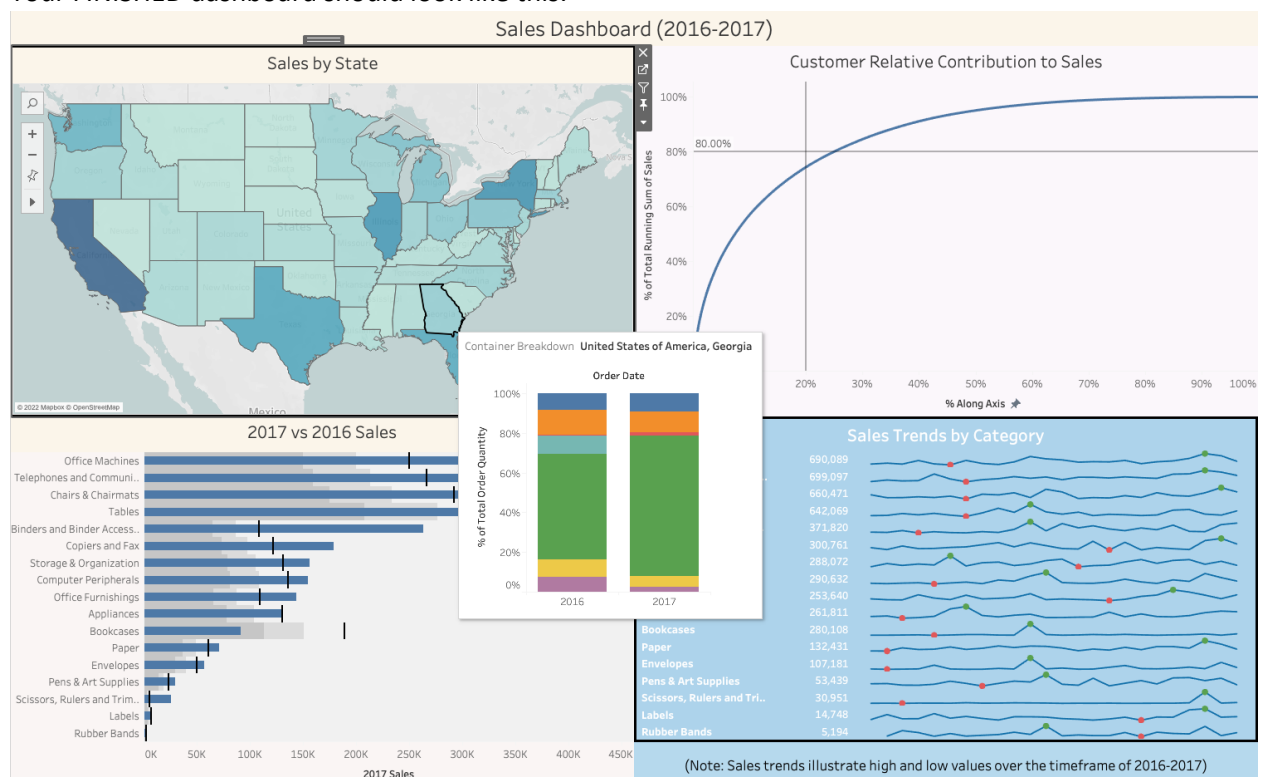
1) In this exercise, you will be creating a dashboard from scratch, using data from an Excel File. **[Please upload .TWBX (Tableau Packaged Workbook) file only otherwise, there will be issues evaluating the submissions]**

   First, Load the **ISB Assignment Start.twbx** file into Tableau.

   Link to download the file for students

   You WILL need to create a number of additional fields in this data in order to generate the finished work. Also, you will notice that none of the fields have been arranged into groups or hierarchies. You may wish to do this for ease of use, but it is NOT necessary for the graded component of this exercise.

   Your FINISHED dashboard should look like this:

Required Components

1. ALL graphs should be filtered for US only and the years 2016 and 2017. (Use a Data Source Filter for this)
2. The map shows sales by state.
3. The pareto chart is based upon Sum([Sales]).
4. The bullet graph compares 2017 sales vs. 2016 sales. You will need to create two fields for this.
5. The sparklines require the creation of the same fields that were part of the sparklines exercise during the tutorial.
6. The background color of the dashboard areas should approximate the color shown in the image. You will need to use layout objects for this.
7. Remove all padding from the dashboard.
8. The pane in the middle is a TOOL TIP on the MAP. This tooltip should show container breakdown for the state that is hovered over. The container breakdown is ONLY visible as part of the tool tip.
9. All of the graphs on the bottom row should be sorted descending by 2017 sales.
10. DO NOT WORRY about resolution differences between your dashboard and the image.

General Instructions:

1. This is an Individual assignment.

2. Upload the Assignment submission form as a separate document while submitting the assignment.

3. Do not submit .zip files, your submission will not be considered.

4. Name your files as Name_PG_ID

5. The honor code for this submission is 3N-b, please look through the Honor code restrictions carefully before attempting the assignment. Any violations will be strictly investigated.

6. Late submission penalty is applicable as mentioned in the course outline. Violation of any of the above instructions and deliverables will attract a penalty.

Deadline: 26th March 2023, 11:55 pm.