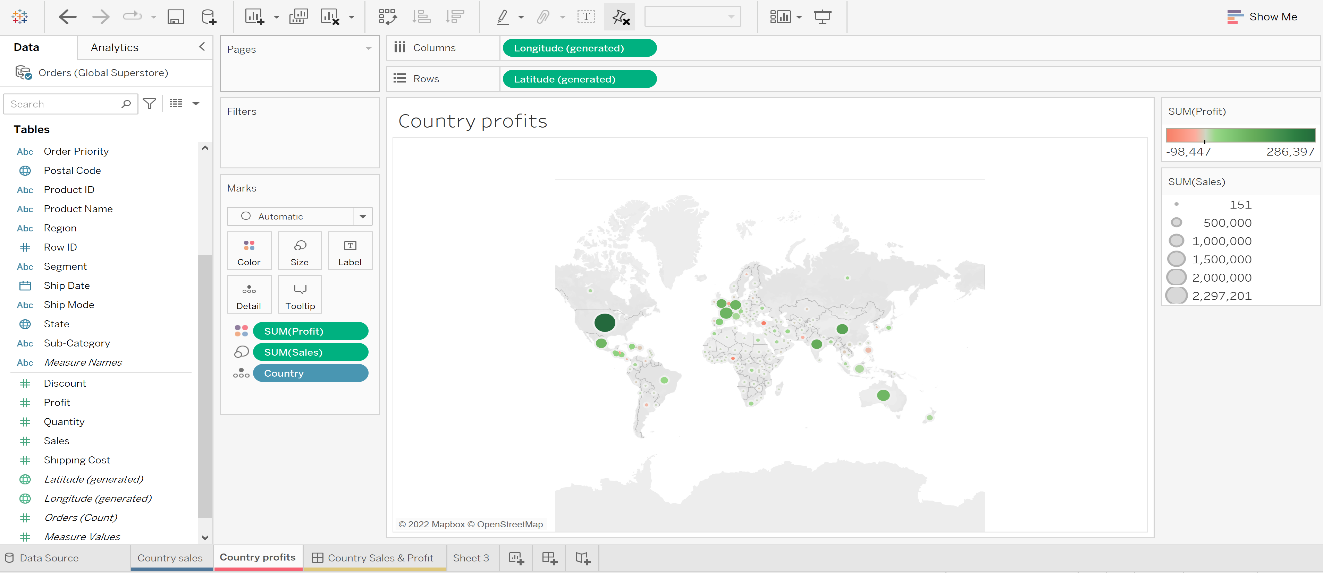
**Tableau Case Study 2 (b)**

**OBJECTIVES:**

* **Working with maps**
* **Comparing different countries sales and profits**
* **Making cumulative graphs**

**Task#01:**

* Create map, use Country
* Put Sales into Size
* Duplicate map, put Profit into Color and remove Sales
* Change Color for Profit
* Rename Sheet 1 and Sheet 1 (2) to “Country Sales” and “Country Profit”



**Task#02:**

* Create Dashboard
* Put in Sheets “Country Sales” and “Country Profit”
* Rename Dashboard 1 to “Country Sales & Profit”
* Remove legends

Graphical user interface, map, scatter chart

Description automatically generated

**Task#03:**

* Create map, use State
* Fix the errors for State
* Put Sales into Size

Graphical user interface, application

Description automatically generated

**Task#04:**

* Duplicate map
* Put Profit into Color
* Remove Sales
* Change Color for Profit
* Rename the sheets, Sheet 3 and Sheet 3 (2) as“State Sales” and “State Profit”
* Filter Country to United States, for Sheet “State Sales”
* Repeat for Sheet “State Profit”

Graphical user interface, application, map

Description automatically generated

**Task#05:**

Create Dashboard

• Put in Sheets “State Sales” and “State Profit”

• Rename Dashboard 2 to “State Sales & Profit”

Graphical user interface, application, website, map

Description automatically generated• Remove legends

**Task#06:**

Create two bar charts – for Sales, and Profit.

• Color the graph

• Sort the two graphs

Chart

Description automatically generated• Rename Sheet 5 as “Sales vs Profit”

**Task#07:**

Put Sub-Category and Order Date into Columns

• Put Sales and Profit into Rows

• Change the graph into dual combination

• Change date format

• Fill entire view

• Change Sales to Bar, and Profit to Line.

• Change Sales to the left axis, and Profit to the right axis.

• Bring forward the line, if hidden.

Timeline

Description automatically generated• Extra: Change name for Sheet 6 to “Sales-Profit Trend”

**Task#08:**

• Create a new Dashboard, rename it to “Sales-Profit Dashboard”

• Change dashboard size to automatic

• Put Sheet “Sales vs Profit” on top, and “Sales-Profit Trend” at bottom.

A picture containing chart

Description automatically generated• Remove the legend

**Task#09:**

• Create Calculated Field for UnitPrice

• Create bar chart, UnitPrice vs Sub-Category

• Take average of UnitPrice

• Sort descending

• Fill entire view

Chart, bar chart

Description automatically generated• Rename Sheet to “Average Price Per Unit”

**Task#10:**

• Duplicate the sheet “Average Price Per Unit”

• Create Calculated Field for UnitProfit

• Replace AVG(UnitPrice) with AVG(UnitProfit)

Chart, bar chart

Description automatically generated

**Task#11:**

• Create New Dashboard

• Change dashboard size to automatic

• Put Sheet “Average Price Per Unit” above, and “Average Profit Per Unit” below.

• Rename Dashboard as “Average Price vs Profit Per Unit”

Chart

Description automatically generated

**Task#12:**

• Create new Worksheet, titled “Sales, Profit & Discount”

• Put three bars side-by-side (Sales, Profit, Discount); with respect to Sub-Category.

• Change Discount to AVG

• Color segment Profit

• Sort descending for Discount

Chart

Description automatically generated

**Task#13:**

• Create a new Worksheet, “Discount-Profit Trend All”

• Put Discount to Rows, Profit to Columns

• Untick Aggregate Measures

• Color segment Profit

Chart

Description automatically generated• Show Trend Lines

**Task#14:**

• Duplicate Sheet “Discount-Profit Trend All”

• Rename the new Sheet “Discount-Profit Trend Table”

Chart

Description automatically generated• Add filter for Table

**Task#15:**

• Create a new Dashboard, rename it to “Discount-Profit Dashboard”

• Change dashboard size to automatic

• Put Sheet “Sales, Profit & Discount” on top row, while the two scatter plots on the bottom row.

A picture containing chart

Description automatically generated• Remove the legend

**Task#16:**

Create a new Story

• Create the first two pages, for “Country Sales & Profit”, and “State Sales & Profit”

• Create the next two pages, for “Sales-Profit Dashboard”, and“Discount-Profit Dashboard”

• Rename Story 1 as “Company KPI and Improvement Suggestion”

• Save your work into Tableau Public

Map

Description automatically generatedMap

Description automatically generated

Chart, bar chart

Description automatically generatedA picture containing application

Description automatically generated

Chart

Description automatically generated

Chart

Description automatically generated