Name: Chunduri Venkata Surendra   Reg.no: 20BEC0776

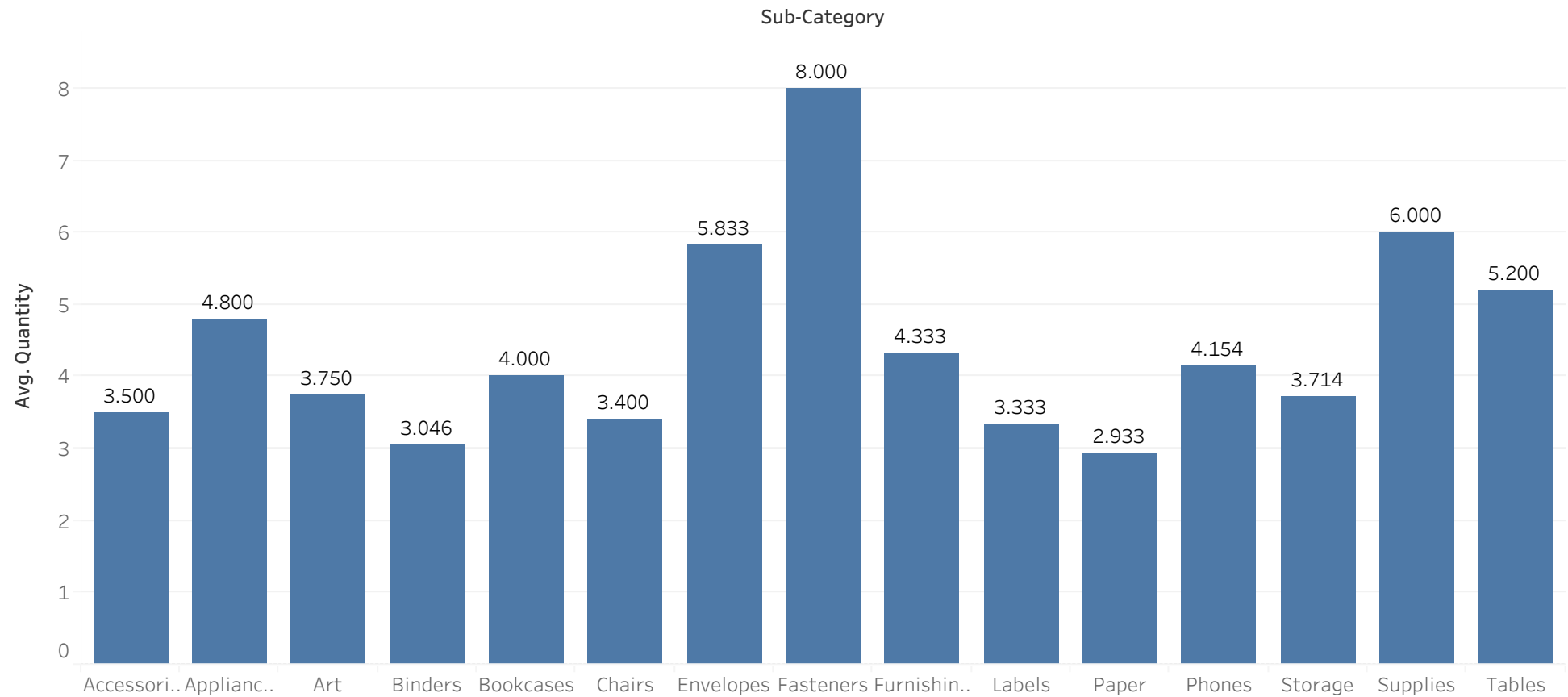# Assignment -1

1) Download tableau desktop & Mysql in your PC or laptop
2) Create a new schema in your Mysql workbench and upload your data
3) Connect your Mysql and Tableau
4) Create the below 5 charts/plots
   - Bar chart
   - Tree map
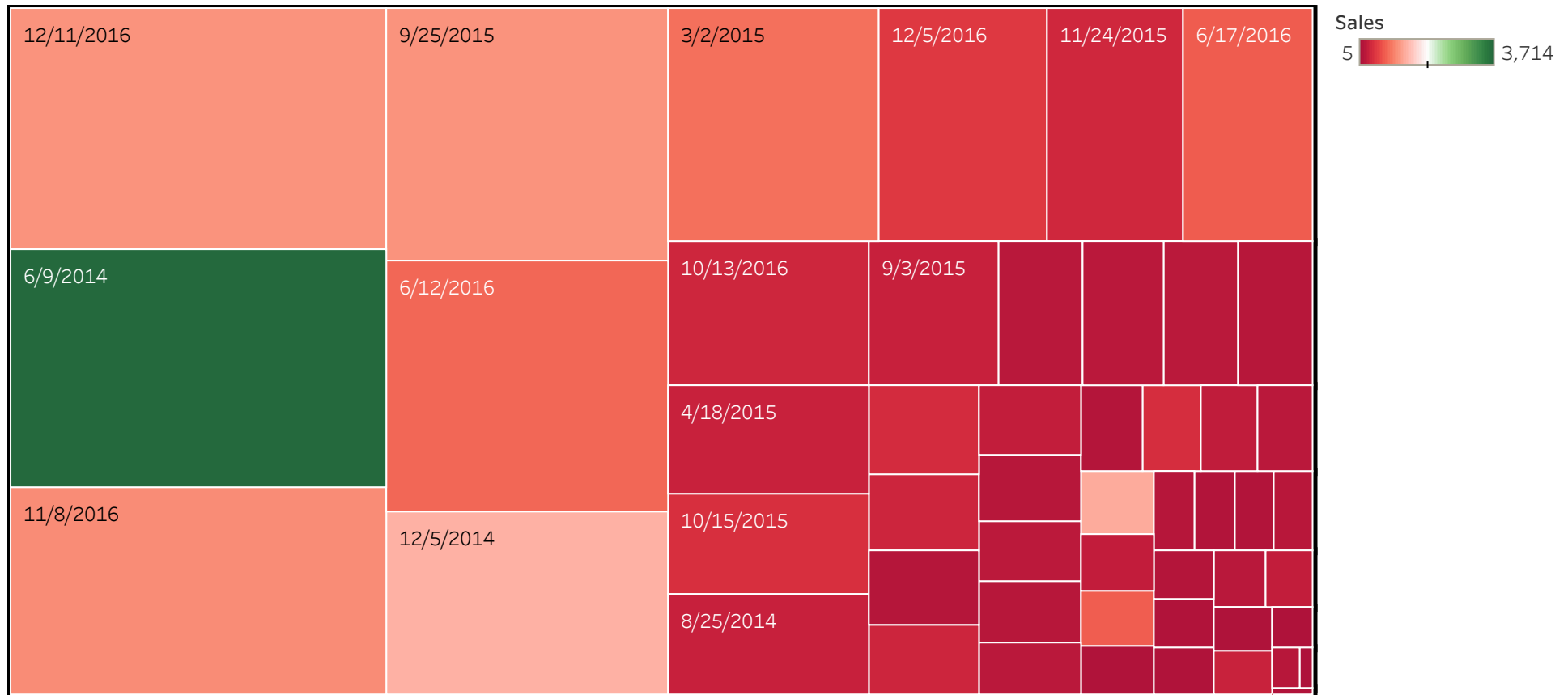   - Heatmap
   - Pie chart
   - Horizontal bar chart

You can use superstore dataset

Average Quantity by Sub Category
(Bar Chart)

Sub-Category

Avg. Quantity

Accessori..	3.500
Applianc..	4.800
Art	3.750
Binders	3.046
Bookcases	4.000
Chairs	3.400
Envelopes	5.833
Fasteners	8.000
Furnishin..	4.333
Labels	3.333
Paper	2.933
Phones	4.154
Storage	3.714
Supplies	6.000
Tables	5.200

Average of Quantity for each Sub-Category.

Average Sales&Profit by Order Date
(Tree Map)

Sales

5 ▬▬▬ 3,714

| 12/11/2016 | 9/25/2015 | 3/2/2015 | 12/5/2016 | 11/24/2015 | 6/17/2016 |

| 6/9/2014 | 6/12/2016 | 10/13/2016 | 9/3/2015 | | | |
11/8/2016		4/18/2015				
	12/5/2014	10/15/2015				
		8/25/2014				

Order Date. Color shows sum of Sales. Size shows sum of Profit. The marks are labeled by Order Date.

Average Quantity&Discount by Shipment Mode (Heat Map)

Ship Mode

| First Class | Second Class | Standard Class |

104 102 335

Discount

- 3.30
- 6.00
- 8.00
- 10.00
- 12.00
- 14.37

Quantity

102 ▬▬▬ 335
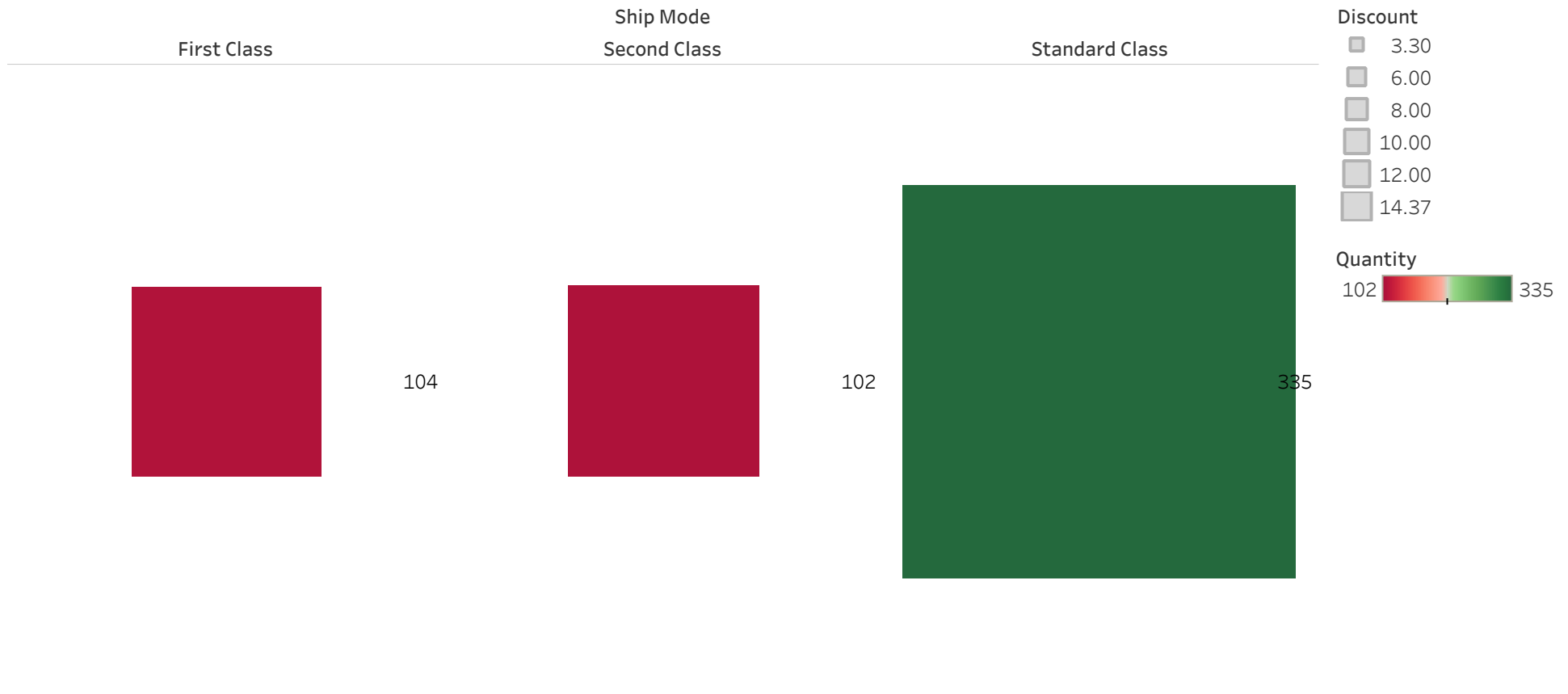
Sum of Quantity (color) and sum of Discount (size) broken down by Ship Mode.

Sum of Quantity&Sales by Category
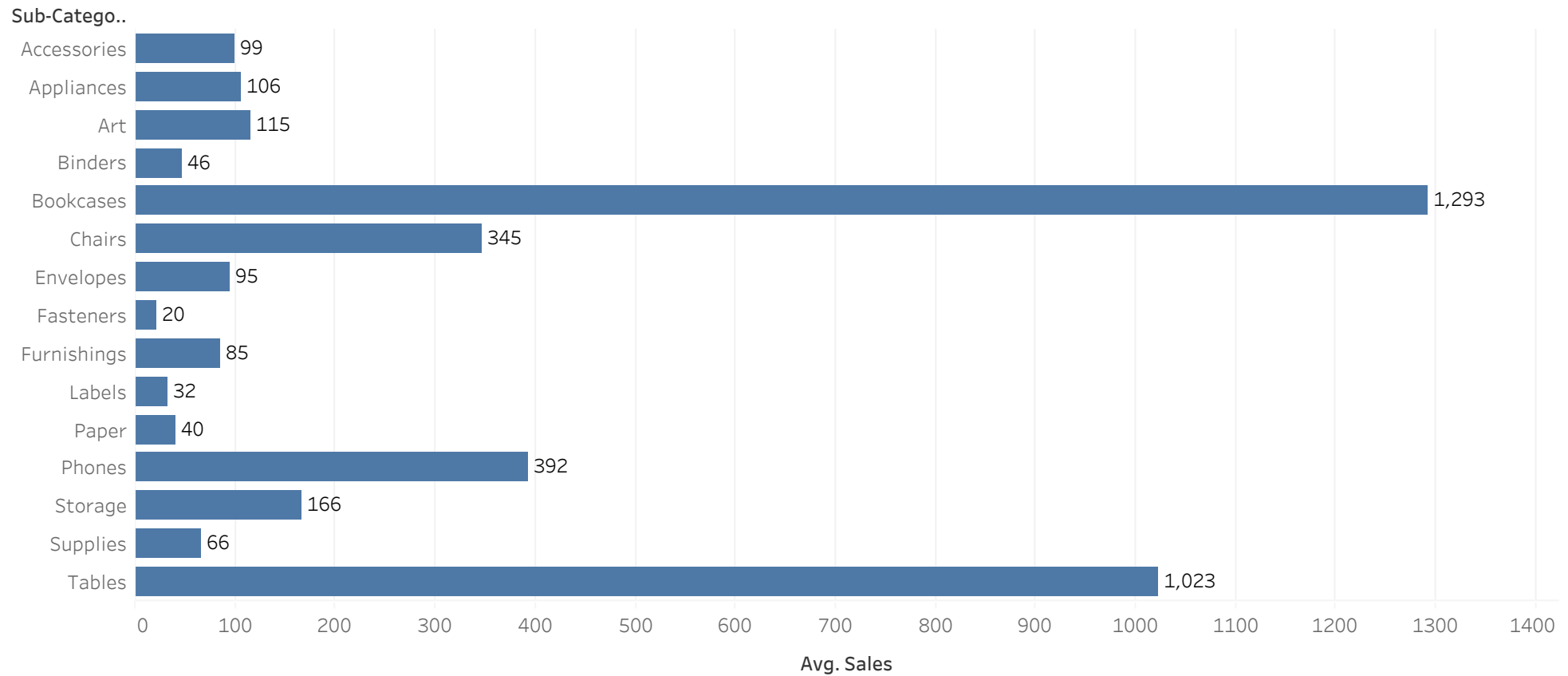## (Pie Chart)
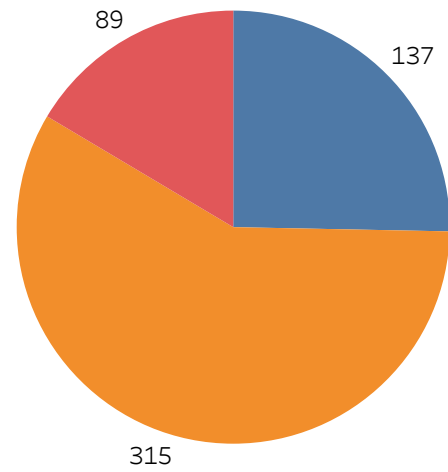
Sales

26,457

Category
- Furniture
- Office Supplies
- Technology

137

89

315

Category (color) and sum of Sales (size).

Average Sales by Sub Category
(Horizontal Bar Chart)

Sub-Catego..

Sub-Category	Avg. Sales
Accessories	99
Appliances	106
Art	115
Binders	46
Bookcases	1,293
Chairs	345
Envelopes	95
Fasteners	20
Furnishings	85
Labels	32
Paper	40
Phones	392
Storage	166
Supplies	66
Tables	1,023

Avg. Sales

Average of Sales for each Sub-Category.