

# Data Analytics With Tableau

## Assignment-2

**Name:** KURMA JASTA NAGA JYOSHNA

**Roll No:** 23485A1212

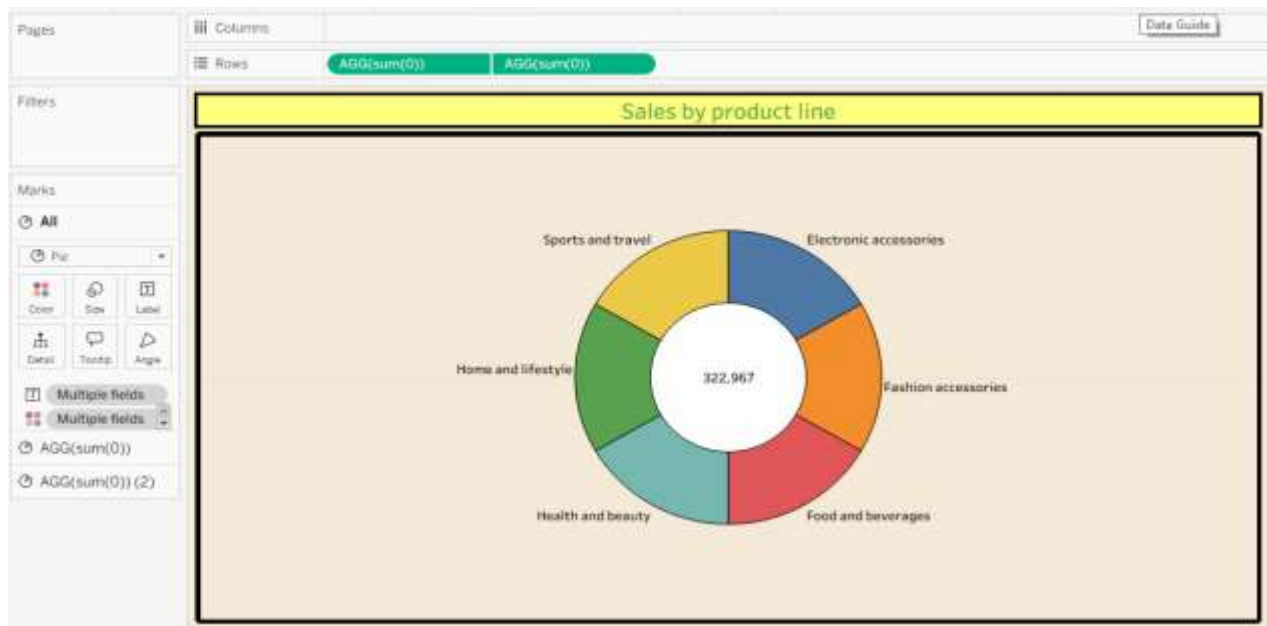
**College:** Seshadri Rao Gudlavalleru Engineering College

### visualizations:

1. DonutChart
2. AreaChart
3. Text table
4. Highlighted table
5. WordCloud
6. Funnel Chart
7. Waterfall

#### 1. Donut Chart:

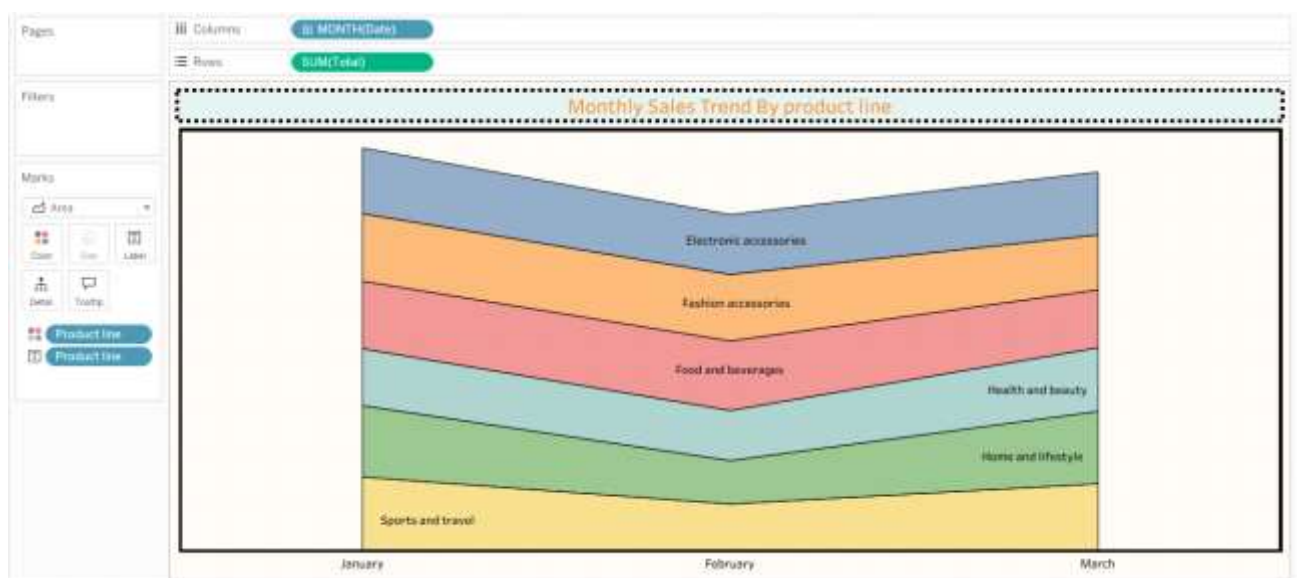
- In Rows pill type **SUM(0)** and hit Enter, Repeat it One more time
- Remove all the pills from second Agg sum(0) in Marks section
- Go to Second Agg sum(0) in rows > Click on drop down and select dual axis
- Add white color in second **Agg avg(0)** in marks section



## 2.Area Chart:

- **column:** Date
- **Rows:** Sum(Total)

**In mark card:** color : product line, change chart type to Area.



### 3.Text Table:

- **column:** Gender
- **Rows:** Branch

**In mark card:** Text: Total (make text bold,center aligned).

The screenshot shows a Tableau interface with a text table visualization. The table is titled "Total Sales By Branch,product line and Gender". The columns are Branch, Product line, Female, Male, and Grand Total. The rows are grouped by Branch (A, B, C) and then by Product line (Electronic accessories, Fashion accessories, Food and beverages, Health and beauty, Home and lifestyle, Sports and travel, Total). The Grand Total row is highlighted in orange. The table is displayed in a text format with a grid background.

Branch	Product line	Female	Male	Grand Total
A	Electronic accessories	9,956	8,351	18,317
	Fashion accessories	9,836	6,496	16,333
	Food and beverages	7,000	10,163	17,163
	Health and beauty	5,715	6,883	12,598
	Home and lifestyle	12,537	9,780	22,417
	Sports and travel	8,115	11,258	19,373
	Total	53,269	52,931	106,200
B	Electronic accessories	8,167	8,885	17,051
	Fashion accessories	9,061	7,332	16,413
	Food and beverages	10,510	4,705	15,215
	Health and beauty	6,400	13,580	19,981
	Home and lifestyle	9,557	7,992	17,549
	Sports and travel	9,213	10,775	19,988
	Total	52,928	53,269	106,198
C	Electronic accessories	8,969	10,000	18,969
	Fashion accessories	11,520	10,040	21,560
	Food and beverages	15,661	8,106	23,767
	Health and beauty	6,446	10,170	16,615
	Home and lifestyle	7,843	6,053	13,896
	Sports and travel	11,247	4,515	15,762
	Total	61,685	48,883	110,569
Grand Total		167,883	155,084	322,967

### 4.Highlighted Table:

- **column:** Product Line
- **Rows:** Branch and gender

**In mark card:** Drag and drop **AVG(Ratings)** to color and Text



## 6. Funnel Chart:

- Drag and Drop SUM(Total) to Rows.
- Drag and Drop **Product Line** to both **Color** and **Label**.
- Drag and Drop **SUM(Total)** to both **Label** and **Size**.



## 5. WaterFall Chart:

- Drag and Drop City to Columns.
- Drag and Drop Gross Income to Rows.
- Drag and Drop **City** to both **Color** and **Label**.
- Create calculation field -> **Running Income**
- Drag and Drop **SUM(Running Income)** to both **Label** and **Size**.

