

## Assignment-2

### Long Term Virtual Internship DataAnalytics using Tableau

#### 1. PrepareDonutChart:

Step-01:CreateaNewSheetandRenamedas “Donut Chart”

Step-02:DragProductline-columnselectonlyone

Step-03: ClickMarks card-Select Pie fromdropdown-Drag

- Product line → Colour
- Total → Angle
- Total → Label

Step-04:Create→CalculatedFieldNameit:DonutEnterformula:0ClickOK

Step – 05: Drag Donut → Rows (twice) (So Donut appears two times in Rows)

- Right-clickonsecondDonut→SelectDualAxis
- Right-click again→SynchronizeAxis

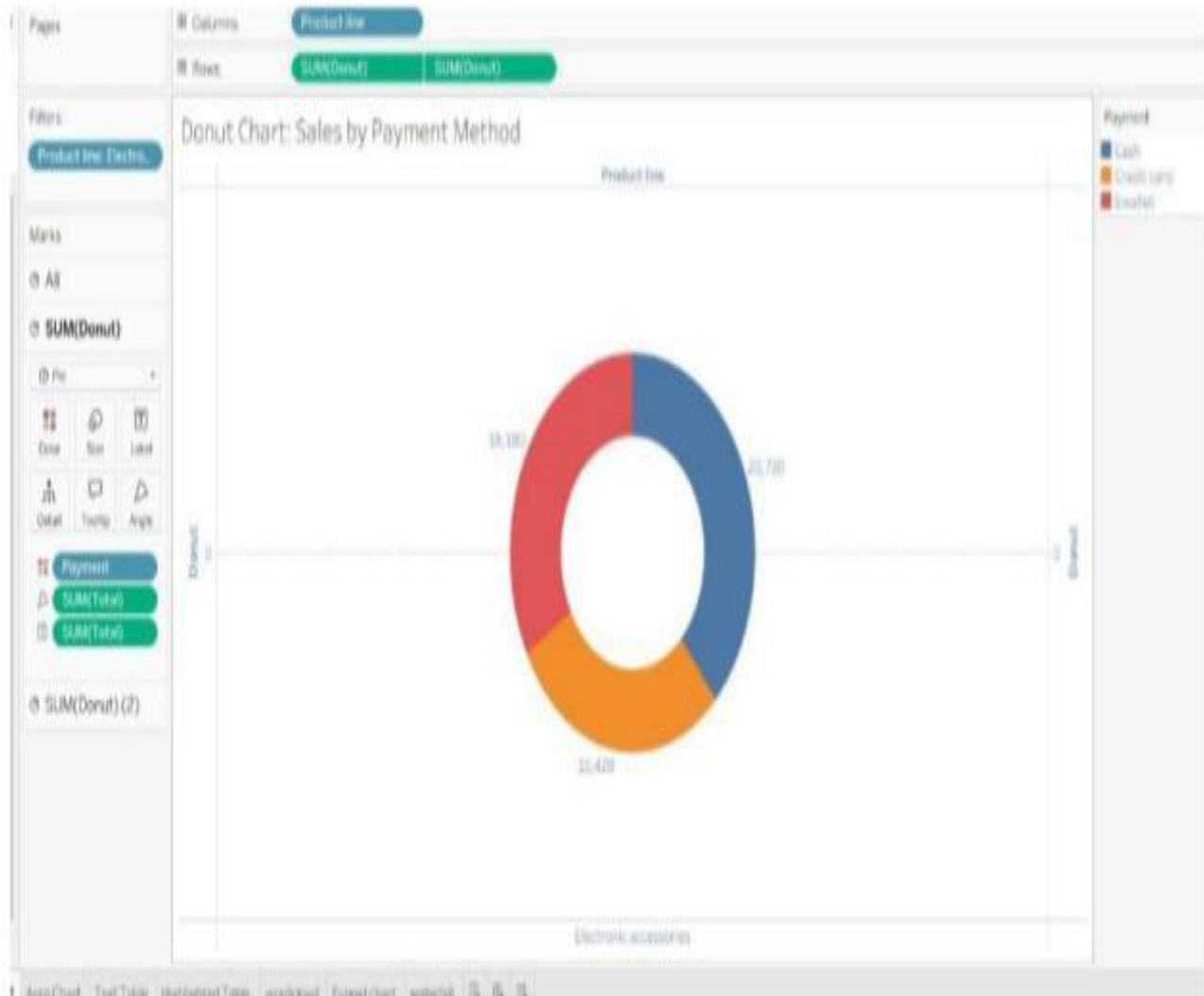
Step-06:FormatInnerCircle(Hole)FirstMarksCard(OuterPie) On

Marks(Donut)-Firstone:

- Type = Pie
- Product line → Colour
- Total→Angle
- Total→Label
- Increase Size
- On Second Marks Card (Inner Circle) - Click Second Marks (Donut)

Step – 07: Drag payment to colours

### Donut chart: Sales by payment method



## 2. PrepareAreaChart:

Step- 01:CreateaNewSheet andRenamed as “Area Chart”

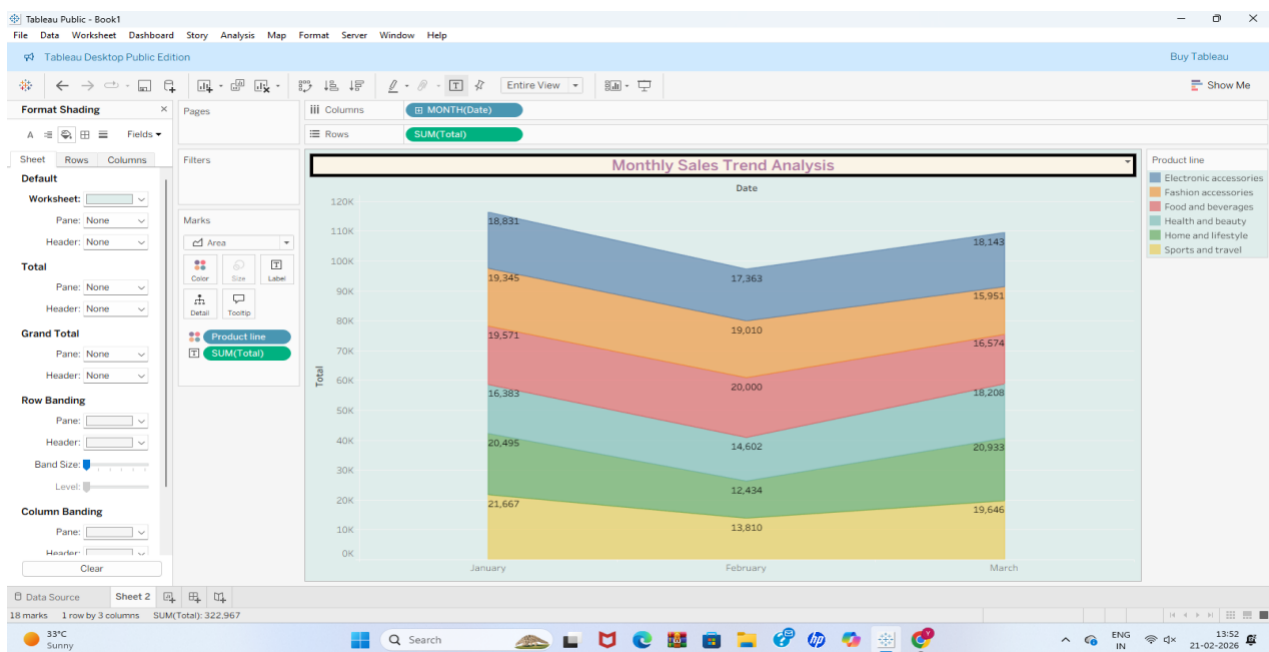
Step-02: DragDate→Columnssshelf-Clickthedrop-downonDate-  
SelectMonth

Step-03:Drag Total → Rowssshelf

Step-04: ClickShowMe (topright)SelectAreaChart

Step-05: Drag city → Colour (in Marks card)

## Area Chart: Monthly sales trend analysis



### **3.PrepareTextTable:**

Step-01:CreateaNewSheetandRenamedas “Text Table”

Step-

02:Ontherightside,findShowMe.ClicktheTextTable(PivotTable)icon

Step-03: Drag

Date→Columnsshelf

Step - 04: From the Data Pane (left side), drag these fields to Rows

- Invoice ID
- Branch
- City
- Customer type
- Gender
- Product line
- Date
- Time
- Payments

Step-05:DragMeasurestoColumns(orText)

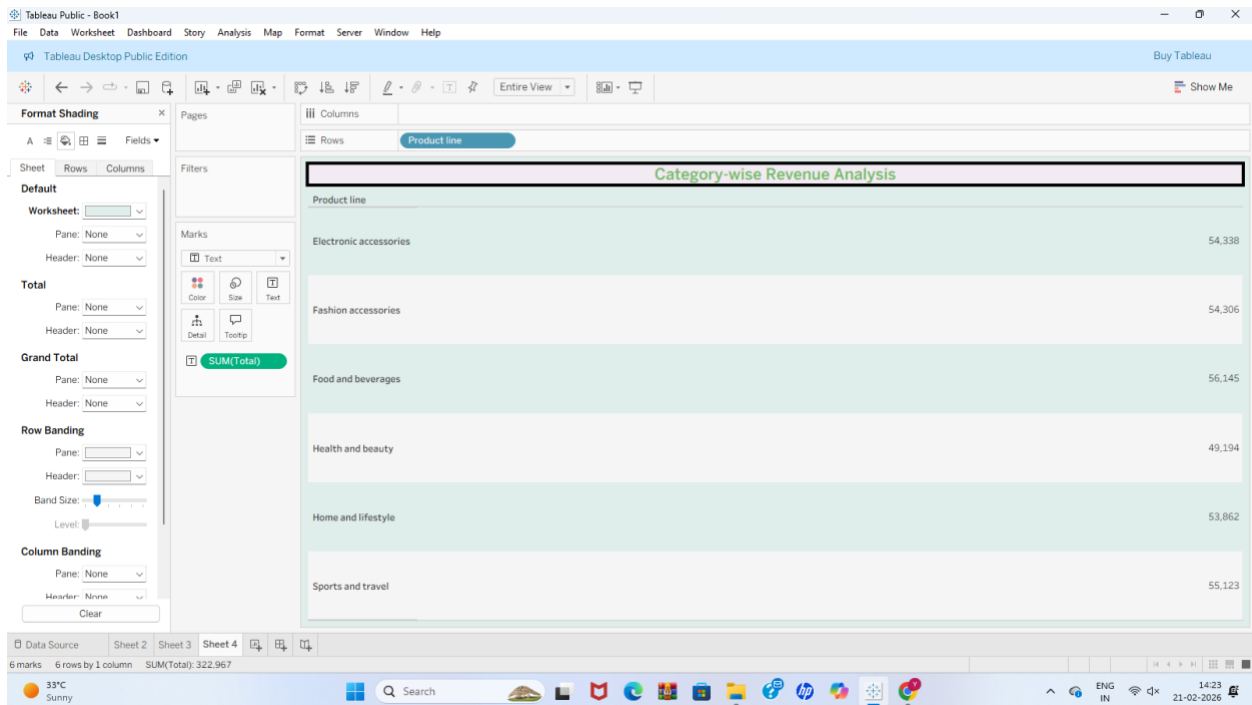
Step-06:NowdragtheseMeasures:ToColumns:

- Unitprice
- Quantity
- Tax
- Total
- COGS
- Grossincome
- Grossmarginpercentage

- Rating

Step-07: Set Marks Type to Text-On Marks Card, click the dropdown-Select Text Table

## Text table: Category-wise revenue analysis



## 4.PrepareHighlightedTable:

Step–01:CreateaNewSheetandRenamedas“HighlightedTable”

Step–02:DragProductline→Rows

Step – 03: Drag Branch → Columns

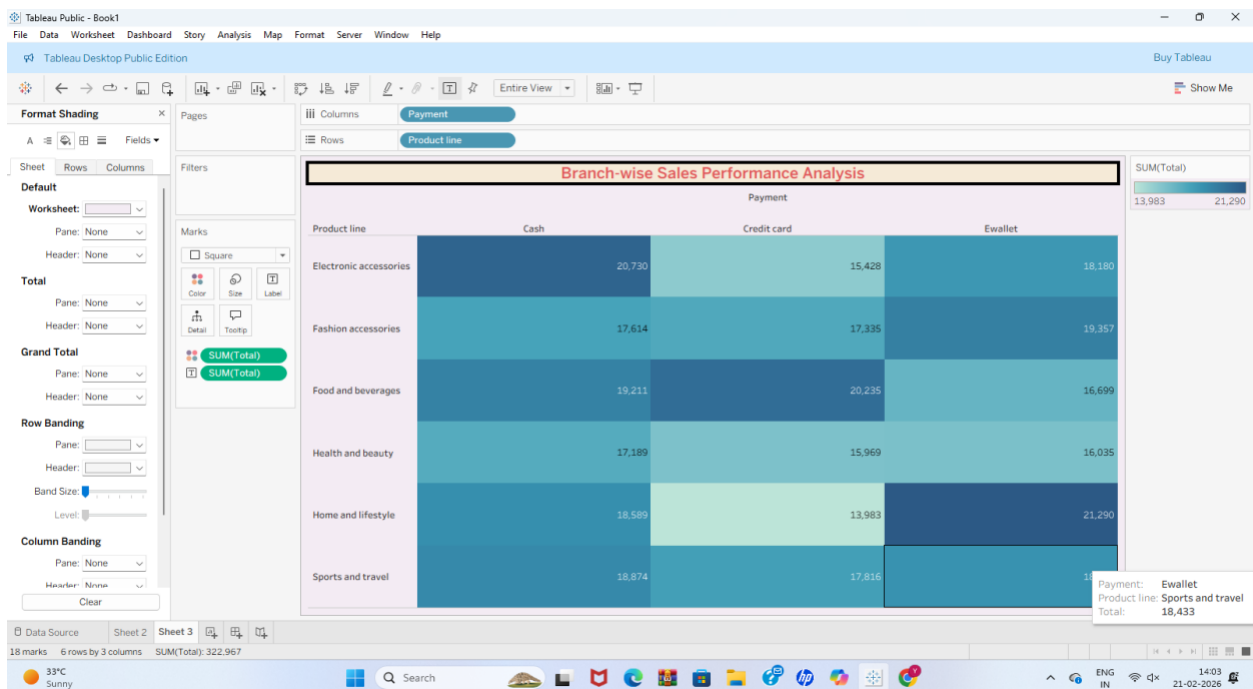
Step – 04: Drag Total → Marks → Colour On the Marks card, Click the drop-down → Select Square

Step–05:InMarks card→SizeDragslidertotheright untilsquaresfillthecells. Step – 06: Drag

Total → Label -Click Label → Show Mark Labels

Step–07:ClickColour→EditColoursChooseacolourpalette- ClickApply→Ok

## Highlighted table: Branch-wise sales performance analysis



## 5.PrepareWordCloud:

Step–01:CreateaNewSheetandRenamedas“Word Cloud”

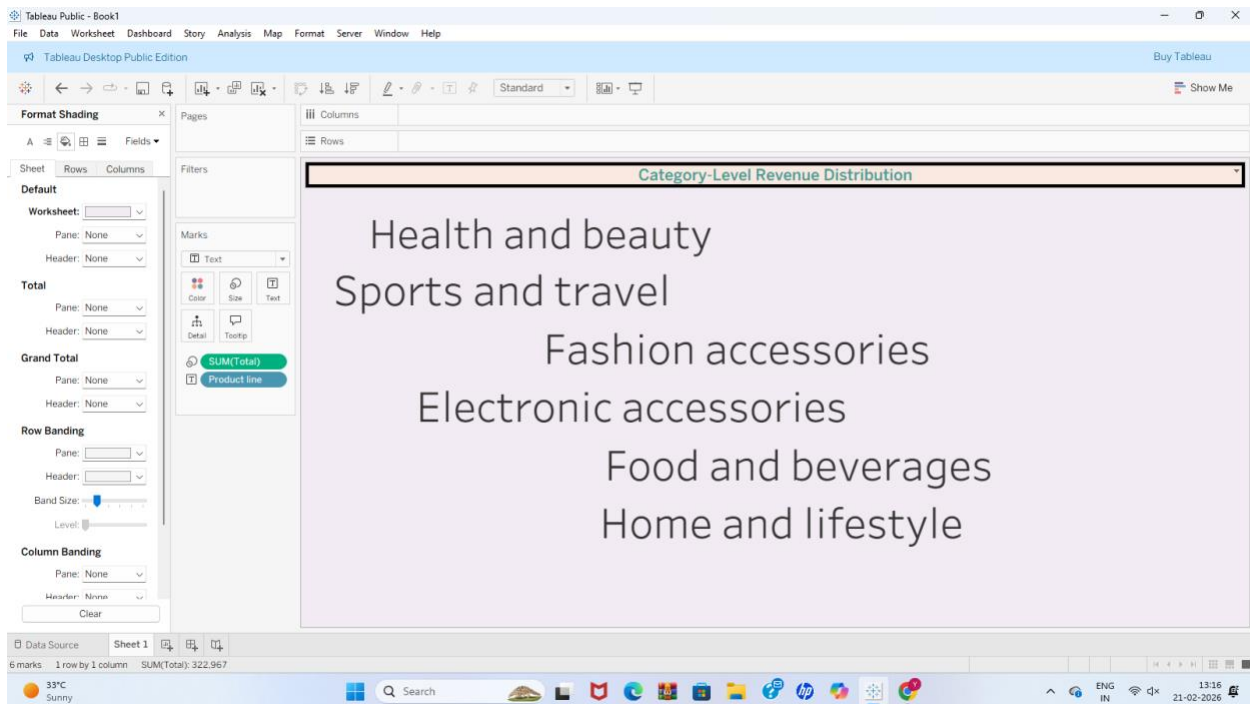
Step–02: In theMarks card-Clickthedropdown-SelectText.

Step – 03: Drag Product line → Drop on Text Click Text → Increase font size

Step–04:DragTotal→DroponSize -ClickSize→Increaseslider

Step – 05: Drag Total → Drop on Colour

### word cloud: Category-level revenue distribution



## 6.PrepareFunnelChart:

Step–01:CreateaNewSheetandRenamedas“FunnelChart”

Step–02:OnMarks Card-SelectBar

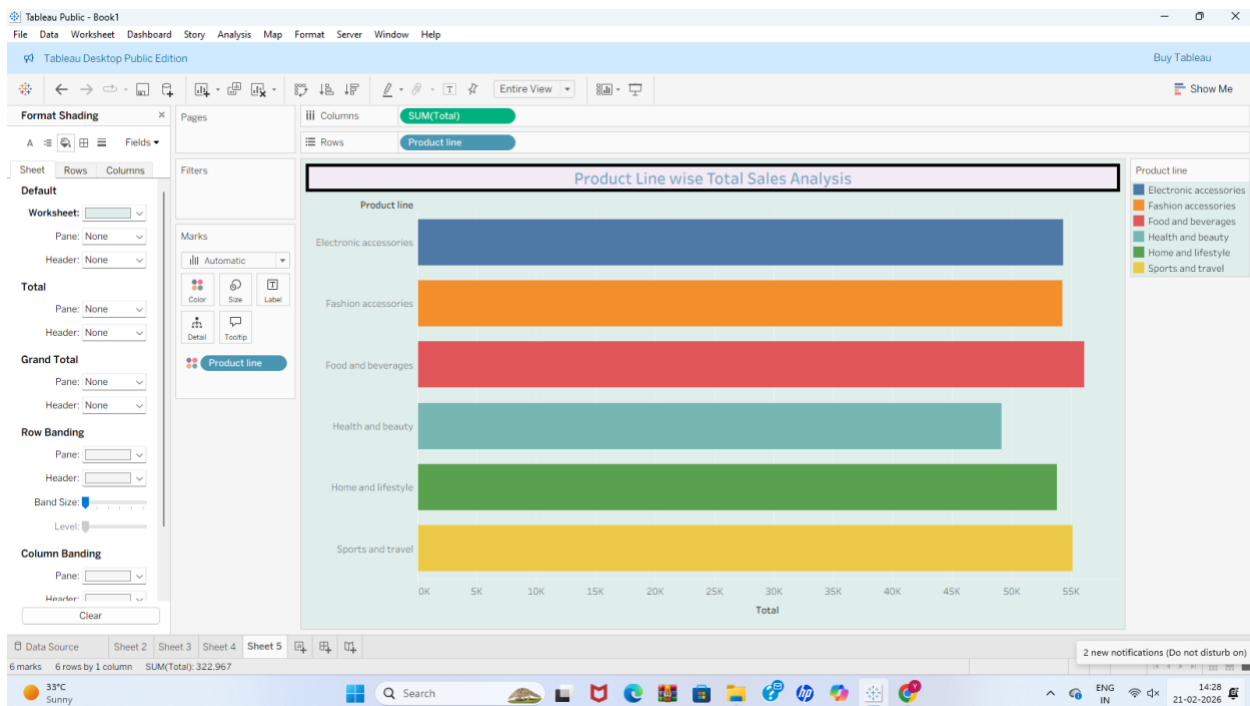
Step – 03: Drag Measure Values → Columns-Edit filters

Step – 04: Drag Measure Names→ Rows-It automatically shows in filter

ClickSort→Descending(largesttosmallest)

Step–05:Rightclickonsheet-clickonFormat-GotoFormat Shading-clickon worksheet -change colour.

## Funnel Chart: Product line wise total sales analysis



## 7.PrepareWaterfallChart:

Step–01:CreateaNewSheetandRenamedas“WaterfallChart”

Step–02:DragProductline→Columns-SelectAll

Step – 03: Drag Running Total→ Rows

Step–04:ClickShowMe-SelectGanttBar

Step–05:Right-click→CreateCalculatedFieldName:Difference

Formula: SUM([Total])-Click OK

Step – 06: Drag Difference → Size (Marks card) Step–07:

DragDifference→Colour

Waterfall Chart

## Waterfall: Running total of sales by product line

