# DATA ANALYTICS EXTERNSHIP ASSIGNMENT 2
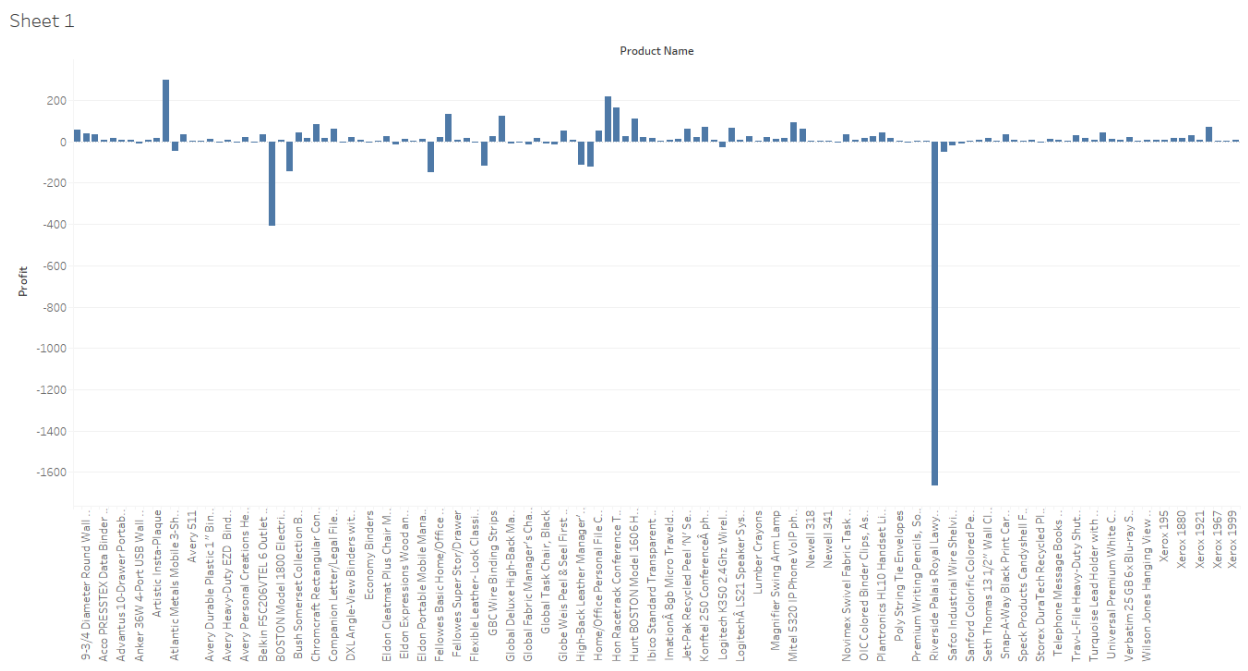
## SUDHANSHU DWIVEDI

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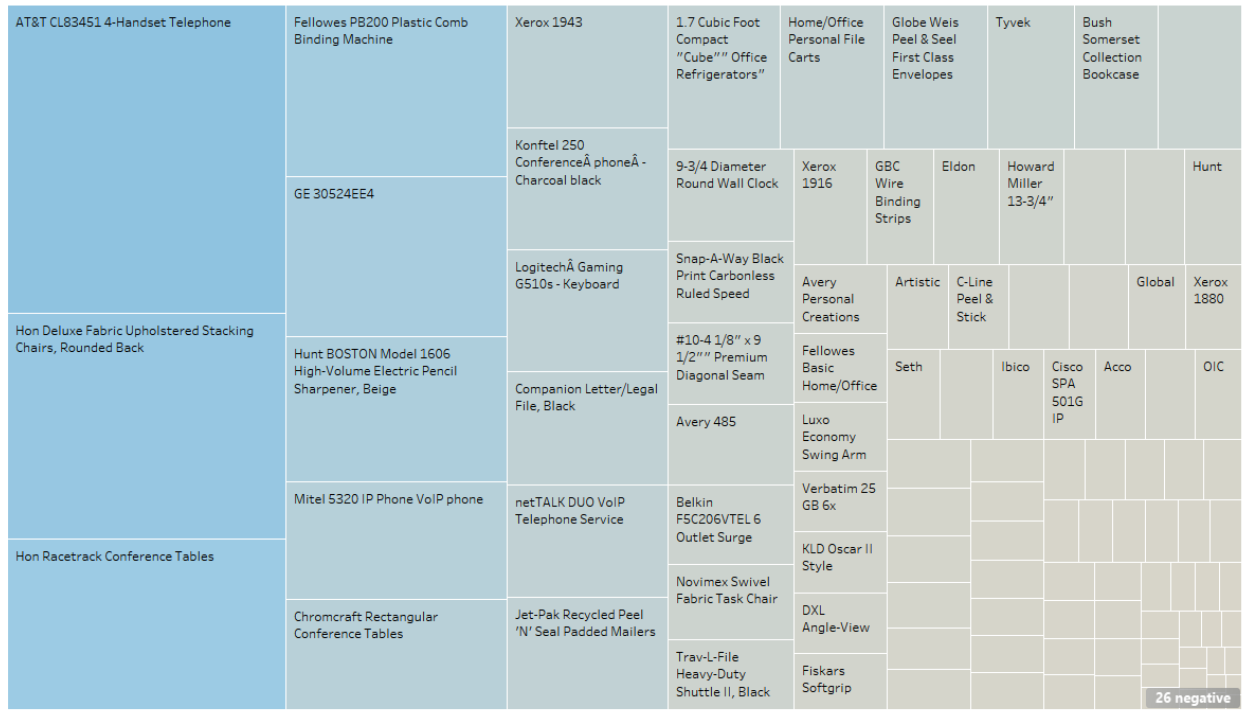
Que1:-

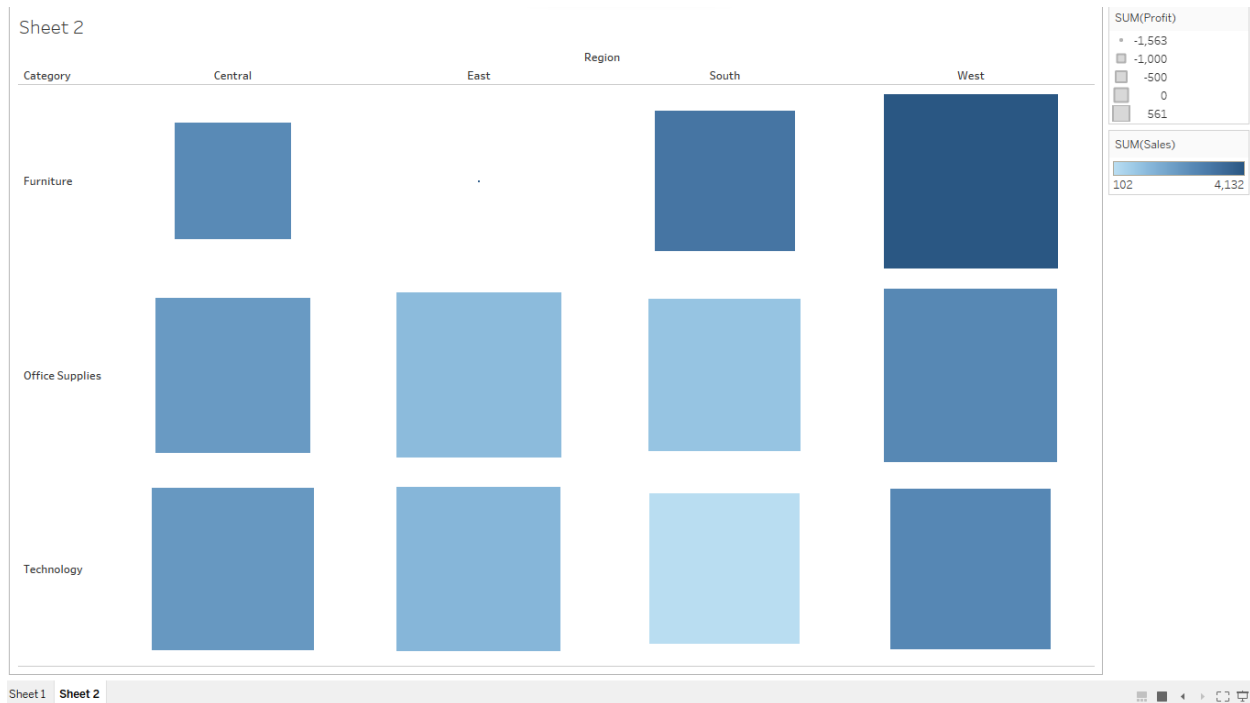Create any 7 data visualizations/charts and perform the following

BAR CHART:-



Sheet 1
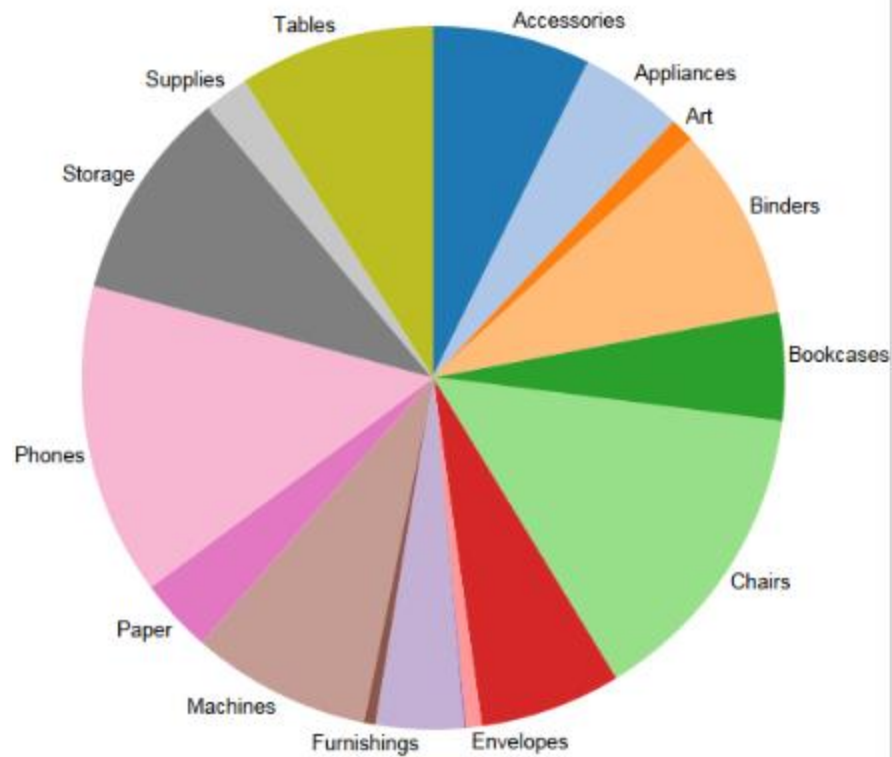
## Tree map

| AT&T CL83451 4-Handset Telephone | Fellowes PB200 Plastic Comb Binding Machine | Xerox 1943 | 1.7 Cubic Foot Compact "Cube"" Office Refrigerators" | Home/Office Personal File Carts | Globe Weis Peel & Seel First Class Envelopes | Tyvek | Bush Somerset Collection Bookcase | |
|---|---|---|---|---|---|---|---|---|
| | GE 30524EE4 | Konftel 250 ConferenceÂ phoneÂ - Charcoal black | 9-3/4 Diameter Round Wall Clock | Xerox 1916 | GBC Wire Binding Strips | Eldon | Howard Miller 13-3/4" | Hunt |
| | | Logitech Â Gaming G510s - Keyboard | Snap-A-Way Black Print Carbonless Ruled Speed | Avery Personal Creations | Artistic | C-Line Peel & Stick | | Global / Xerox 1880 |
| Hon Deluxe Fabric Upholstered Stacking Chairs, Rounded Back | Hunt BOSTON Model 1606 High-Volume Electric Pencil Sharpener, Beige | Companion Letter/Legal File, Black | #10-4 1/8" x 9 1/2"" Premium Diagonal Seam | Fellowes Basic Home/Office | Seth | Ibico | Cisco SPA 501G IP / Acco | OIC |
| | | | Avery 485 | Luxo Economy Swing Arm | | | | |
| Hon Racetrack Conference Tables | Mitel 5320 IP Phone VoIP phone | netTALK DUO VoIP Telephone Service | Belkin F5C206VTEL 6 Outlet Surge | Verbatim 25 GB 6x | | | | |
| | | | Novimex Swivel Fabric Task Chair | KLD Oscar II Style | | | | |
| | Chromcraft Rectangular Conference Tables | Jet-Pak Recycled Peel 'N' Seal Padded Mailers | | DXL Angle-View | | | | |
| | | | Trav-L-File Heavy-Duty Shuttle II, Black | Fiskars Softgrip | | | | 26 negative |

## Heatmap



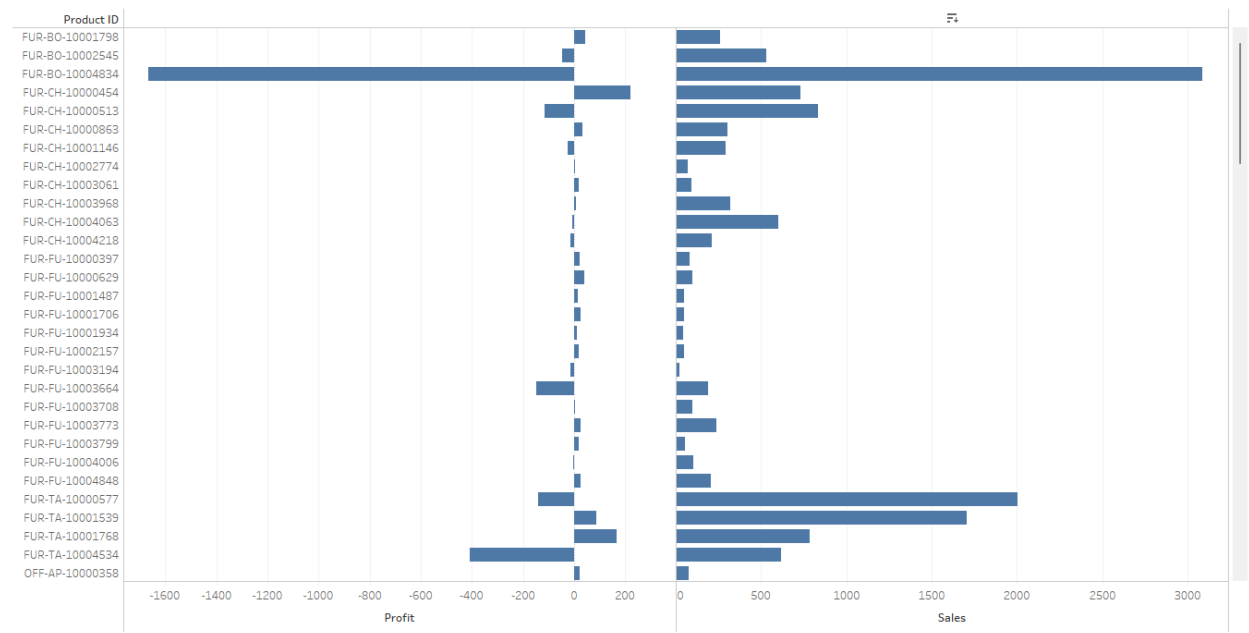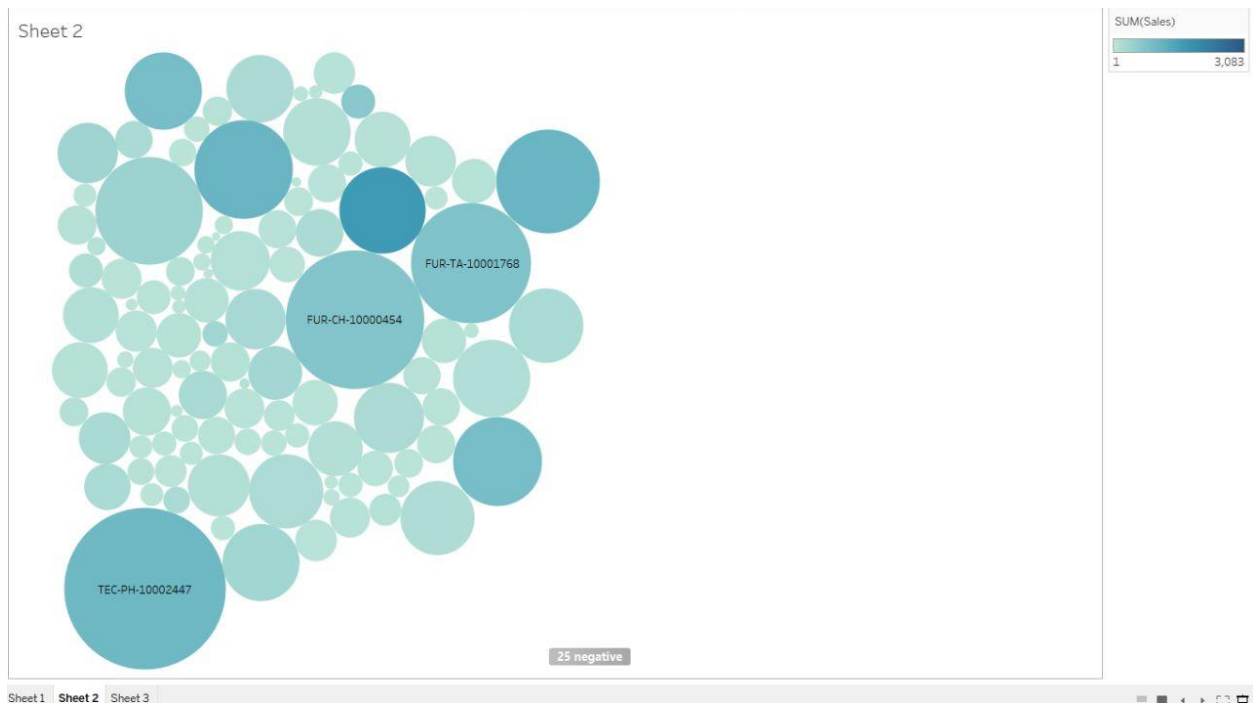## Pie chart:-

Horizontal bar plot:-
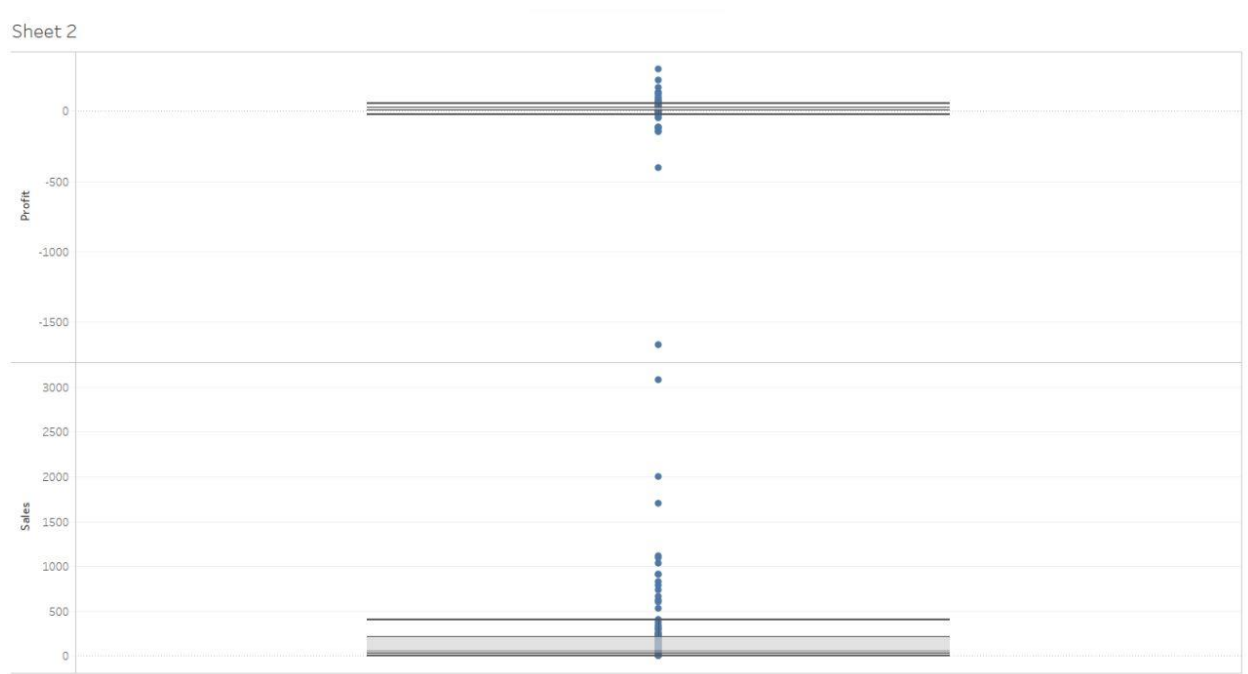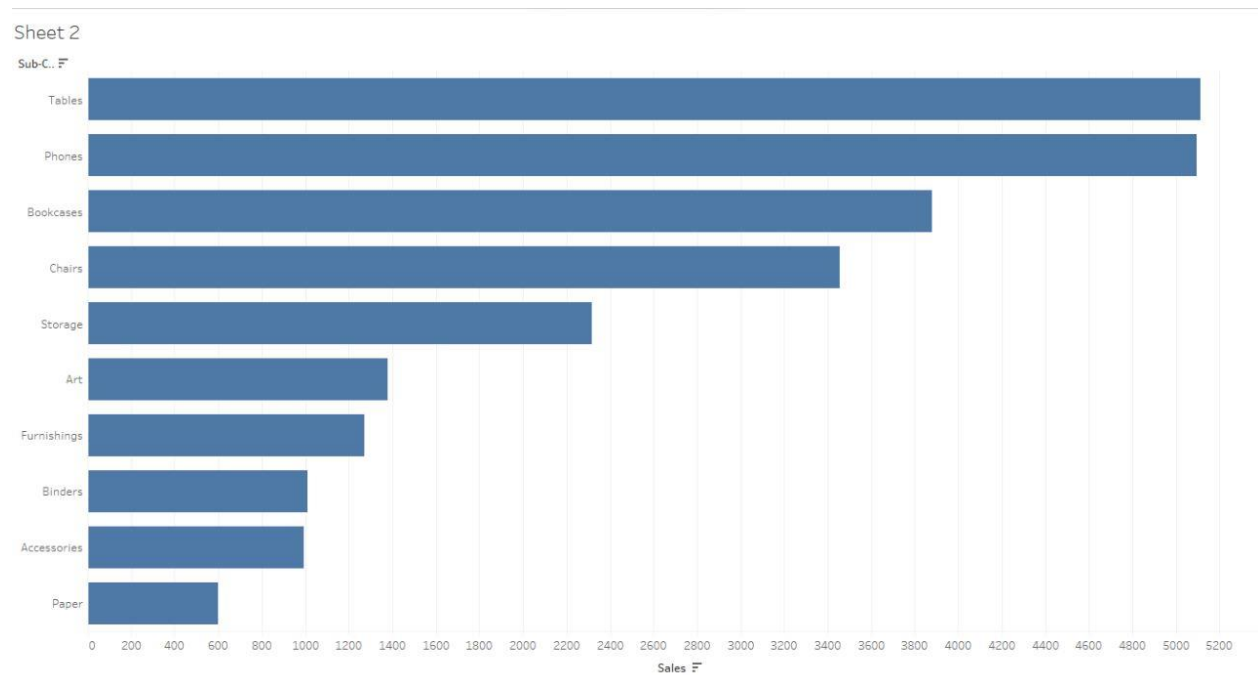
Bubble plot:-



Box and Whiskers Plot:-

Que-2:-

Apply dimension filter, context and measure filter on any of the three

Visualizations

Ans:-
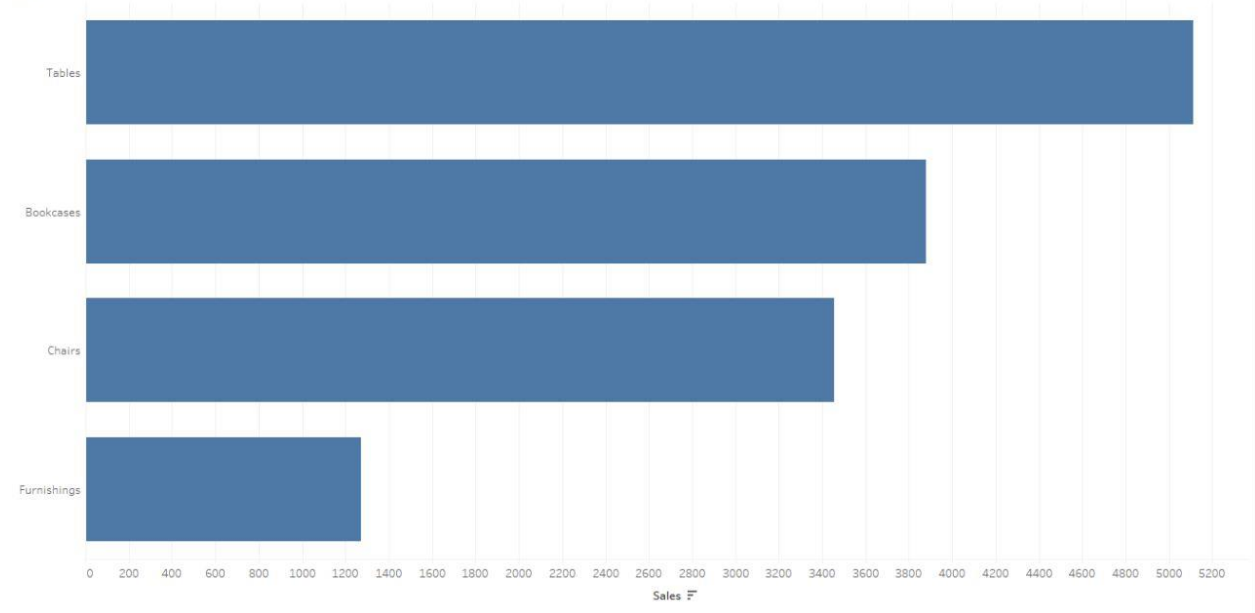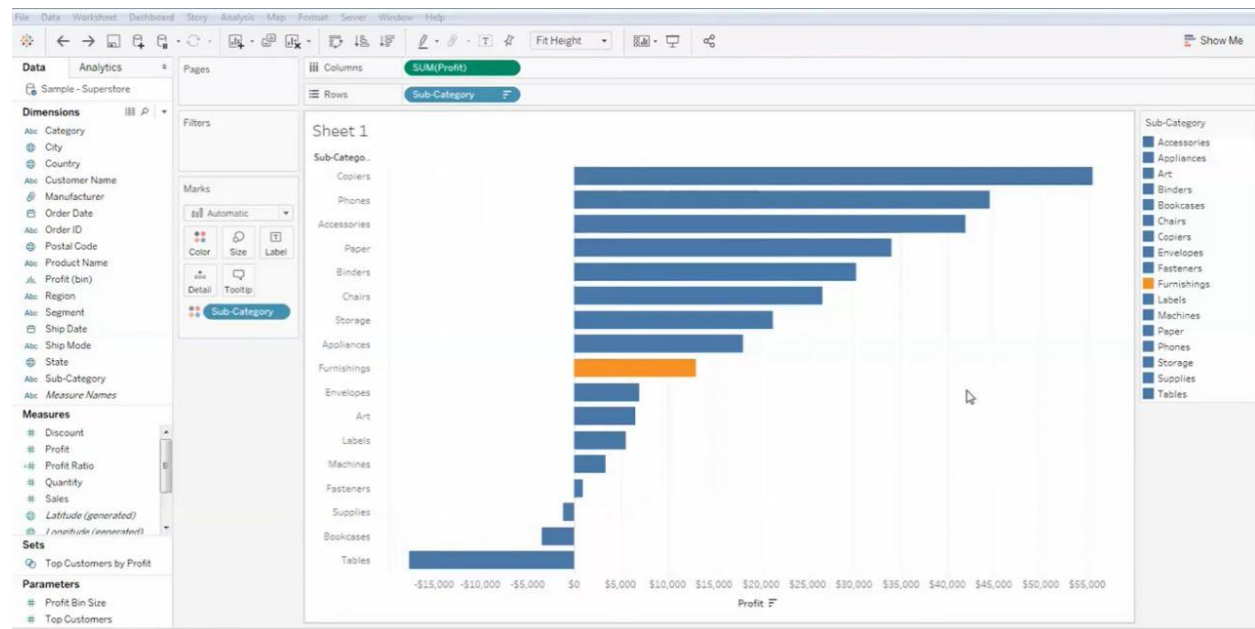
Filtering top 10 selling items based on sum of sales:-


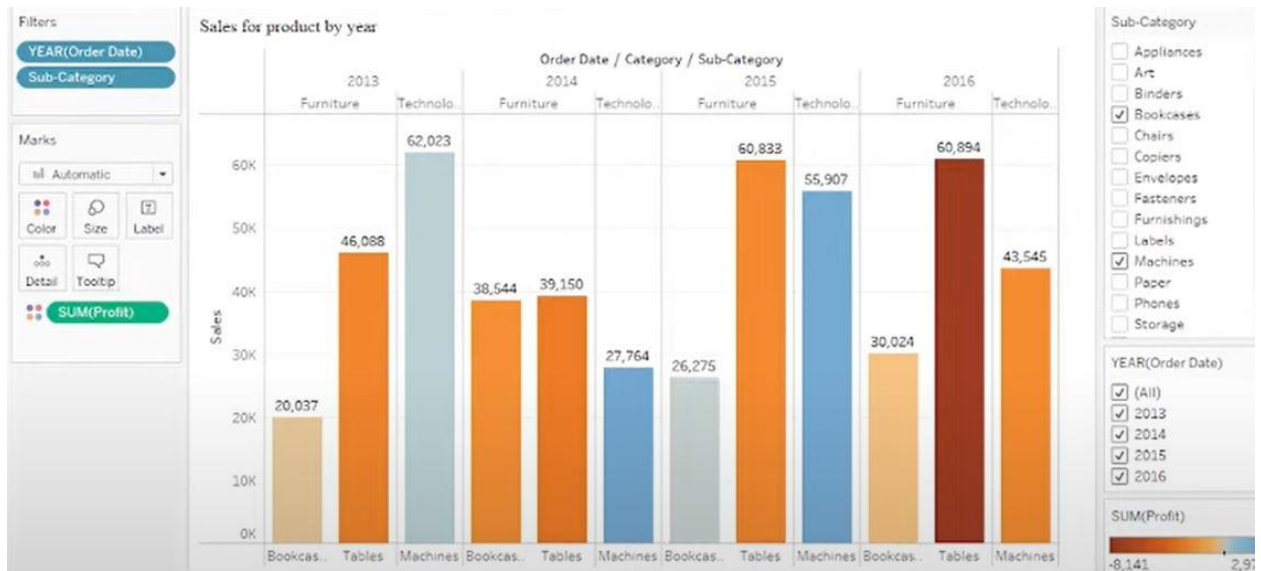
Filtering again top 3 out of previous top 10:-

Sheet 2



DIMENSION FILTER:-
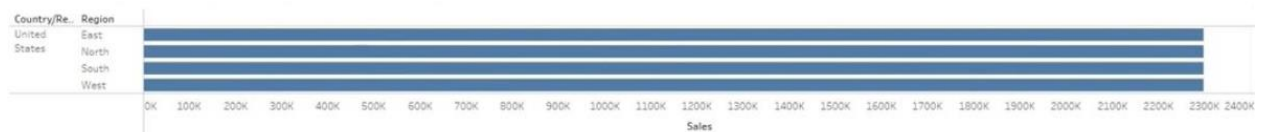


Measure Filter:-

Perform the following data manipulations on your dataset

● create a Hierarchy

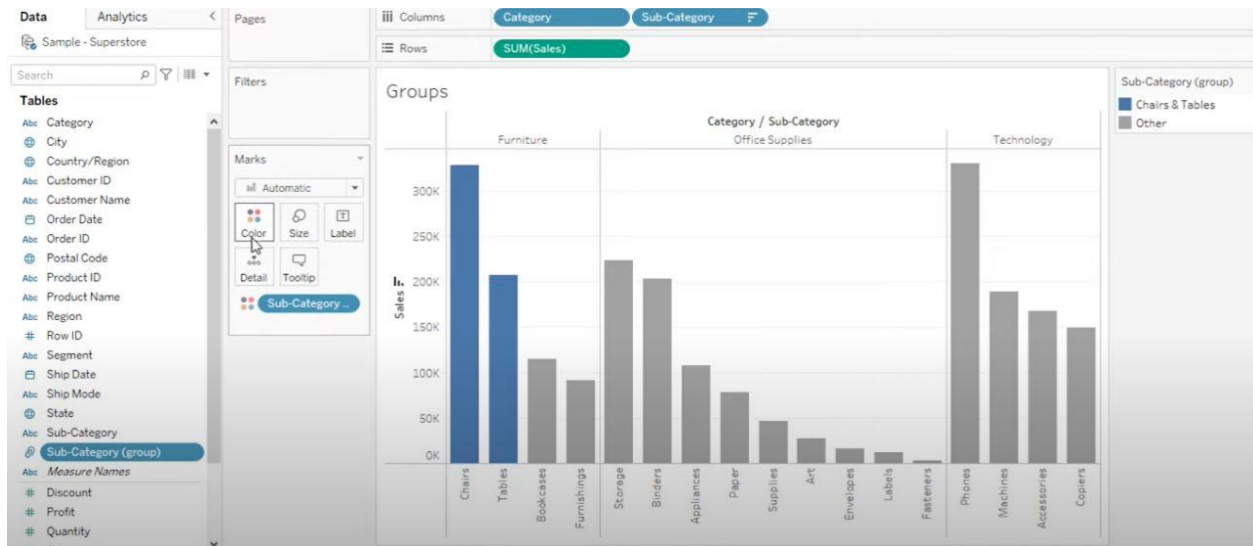● create a set

● create a group

Ans:-

Hirachy:-



Group:-

Set:-