

Assignment 2

Connect to the Store Sales Data and do the following: -

- Remove all the blank rows.
- Update the column header if they are not updated

The screenshot displays the Power Query Editor interface. The main area shows a table with the following columns: Product Container, Product Name, Product Base Margin, and Region. The table contains 24 rows of data. The ribbon at the top includes tabs for File, Home, Transform, Add Column, View, Tools, and Help. The right sidebar shows the 'Query Settings' panel with 'Properties' and 'Applied Steps' sections. The 'Applied Steps' section lists the following steps: Source, Navigation, Removed Top Rows, Removed Blank Rows, Promoted Headers, and Changed Type.

| Product Container | Product Name | Product Base Margin | Region |
|-------------------|--|---------------------|---------|
| Small Box | Avery 49 | 0.36 | Central |
| Wrap Bag | SANFORD Liquid Accent™ Tank-Style Highlighters | 0.54 | West |
| Small Box | Xerox 1968 | 0.37 | West |
| Small Pack | Acme® Preferred Stainless Steel Scissors | 0.56 | West |
| Small Box | V70 | 0.59 | West |
| Small Box | Xerox 194 | 0.37 | West |
| Jumbo Drum | Canon S750 Color Inkjet Printer | 0.38 | West |
| Jumbo Drum | Global Troy™ Executive Leather Low-Back Tilter | 0.6 | West |
| Small Box | Xerox 1930 | 0.36 | West |
| Small Box | Kensington 6 Outlet MasterPiece® HOMEOFFICE Power Control Center | 0.56 | West |
| Small Box | Xerox 21 | 0.37 | West |
| Wrap Bag | *Staples* Highlighting Markers | 0.52 | West |
| Wrap Bag | Accessory34 | 0.55 | West |
| Small Box | Xerox 1933 | 0.38 | East |
| Jumbo Box | Sauder Forest Hills Library, Woodland Oak Finish | 0.77 | East |
| Jumbo Box | Riverside Furniture Stanwyck Manor Table Series | 0.78 | East |
| Small Box | Park Ridge™ Embossed Executive Business Envelopes | 0.38 | East |
| Small Pack | DAX Two-Tone Rosewood/Black Document Frame, Desktop, 5 x 7 | 0.45 | East |
| Small Pack | Fiskars® Softgrip Scissors | 0.57 | East |
| Small Box | Howard Miller 12-3/4 Diameter Accuwave DS™ Wall Clock | 0.43 | Central |
| Wrap Bag | Newell 321 | 0.56 | Central |
| Wrap Bag | Newell 351 | 0.56 | Central |
| Wrap Bag | OIC Colored Binder Clips, Assorted Sizes | 0.36 | Central |

Create a text table and show the sales in terms of

- o Customers
- o Product Category
- o Regions

The screenshot displays the Power BI Desktop interface with three text tables side-by-side. The ribbon at the top includes tabs for File, Home, Insert, Modeling, View, and Help. The sidebar on the right contains panes for Visualizations, Filters, and Fields. The bottom status bar shows 'PAGE 1 OF 3' and a search bar.

Sales in terms of Customers

| Customer Name | Sales |
|-----------------------|---------------------|
| Aaron Davies Bruce | 2,389.77 |
| Aaron Day | 1,833.01 |
| Aaron Dillon | 258.28 |
| Aaron Fuller Davidson | 207.55 |
| Aaron Riggs | 3,760.17 |
| Aaron Shaffer | 964.30 |
| Adam Barton | 2,594.96 |
| Adam G Sawyer | 3,096.87 |
| Adam McKinney | 38.15 |
| Adam Saunders Gray | 3,201.00 |
| Alan Atkins | 37.87 |
| Alan Briggs | 360.12 |
| Alan Chase | 323.85 |
| Alan Griffith | 505.88 |
| Albert Frost | 9,787.62 |
| Albert Maxwell | 396.19 |
| Albert Tyson | 5,461.70 |
| Alex Barry | 12.59 |
| Alex Harding | 18,764.30 |
| Alex Harrell | 267.89 |
| Total | 8,951,931.32 |

Sales in terms of Product Category

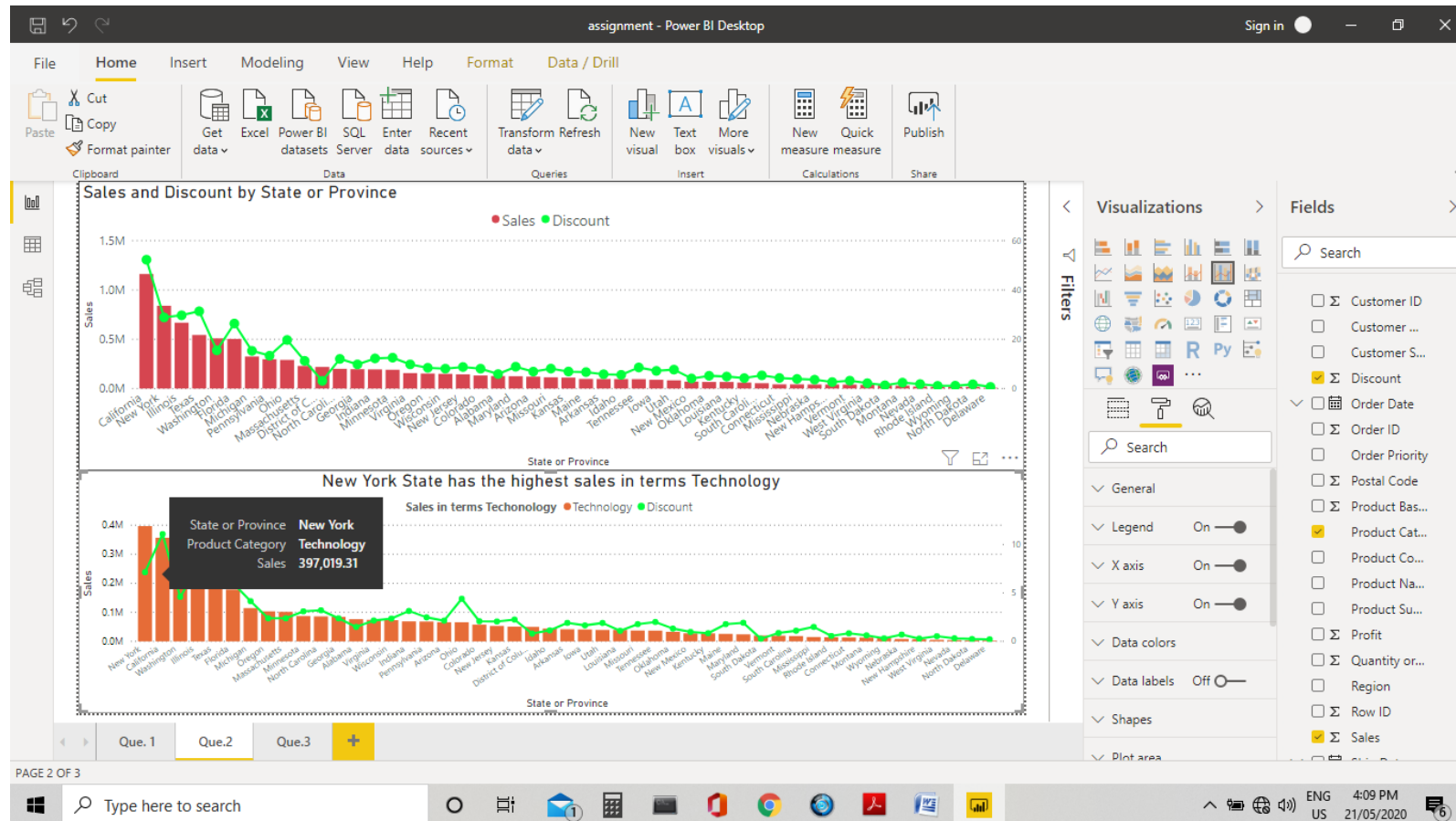
| Product Category | Sales |
|------------------|---------------------|
| Furniture | 3,178,623.74 |
| Office Supplies | 2,258,325.55 |
| Technology | 3,514,982.03 |
| Total | 8,951,931.32 |

Sales in terms of Regions

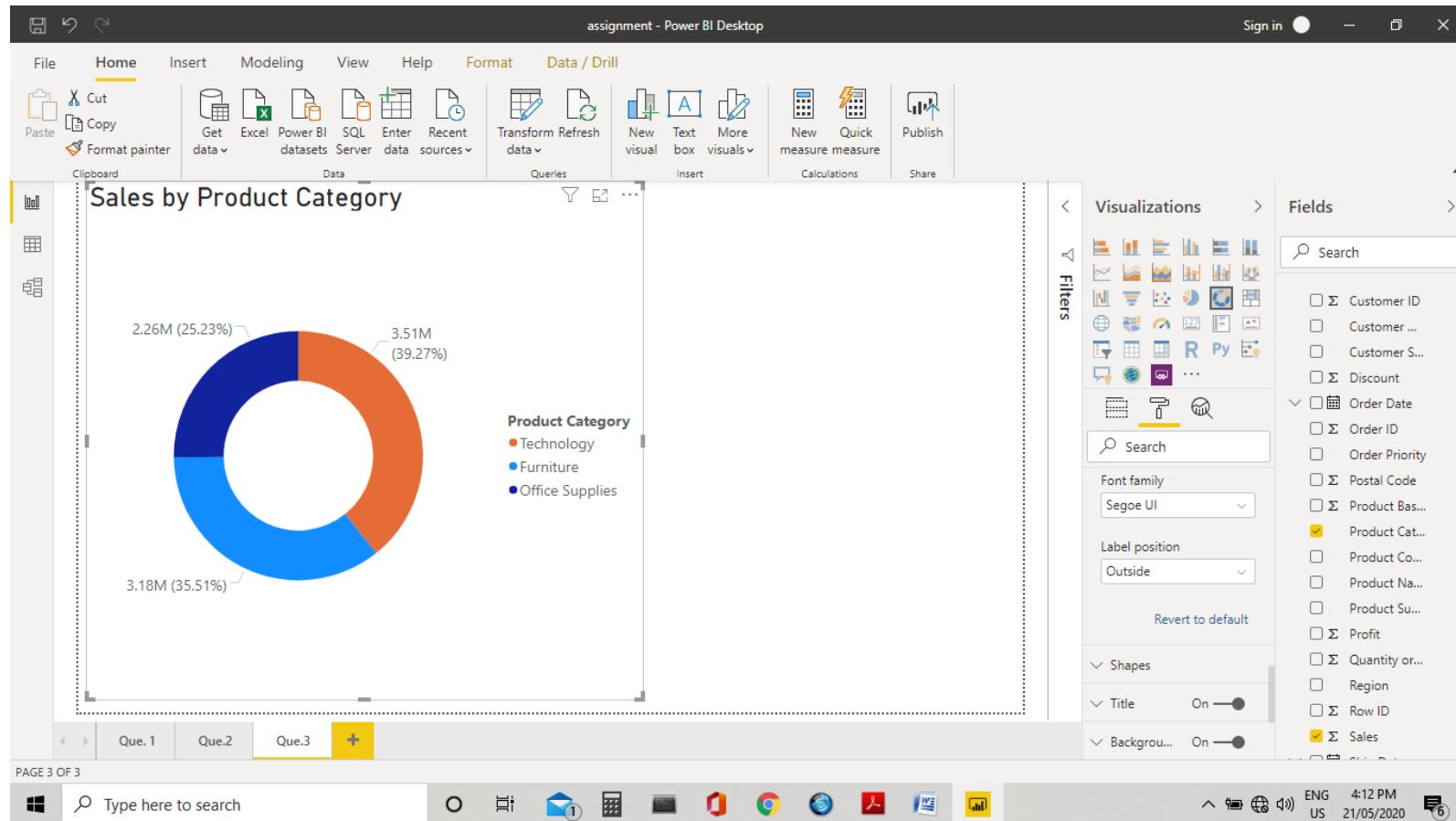
| Region | Sales |
|--------------|---------------------|
| Central | 2,540,341.62 |
| East | 2,422,804.68 |
| South | 1,597,346.22 |
| West | 2,391,438.80 |
| Total | 8,951,931.32 |

Create a line and Clustered Column Chart showing the Sales and Discount as per the State or Province

- Format the bars and line with different colors
- Which state has the highest sales in terms Technology



Create a *Donut Chart* showing sales in terms of Product category



Create a *Slicer* and show the regions in dropdown. See how all the visuals mentioned above behaving when a particular region is selected.

