Connecting Data Assignment

Step 1
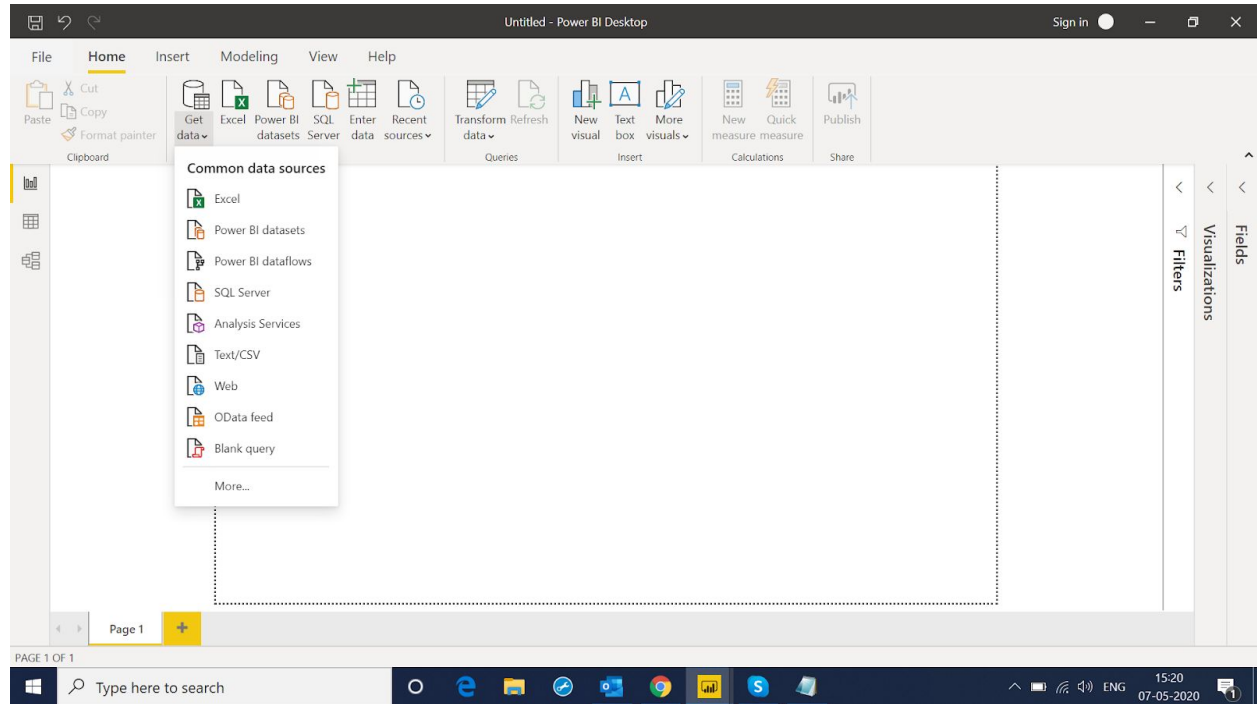
Step 2

Step 3

Step 4

Step 5

Removing Blank Rows

Home -> Reduce Rows - > Remove Rows -> Remove Blank Rows

Step 6

Home Tab -> Remove Rows -> Remove Top Rows -> 3

Step 7

Use first row as headers
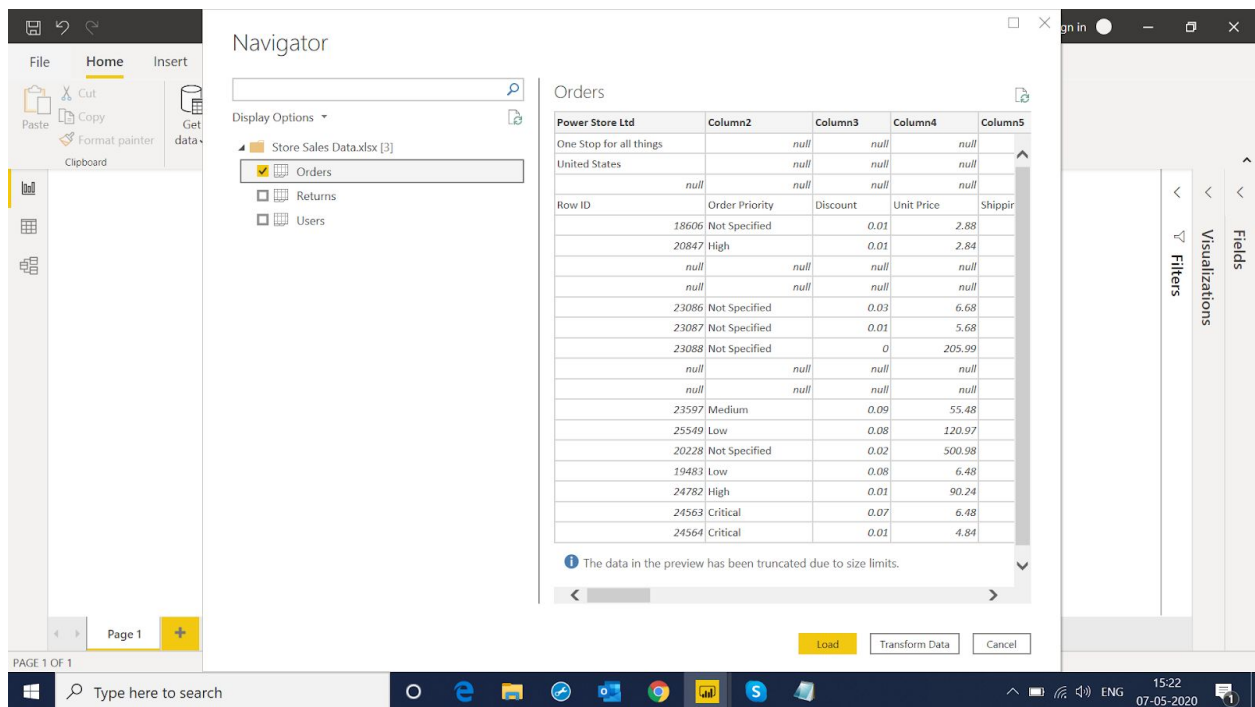
Home->Transform->Use first row as header

Screenshot 1 — Power Query Editor
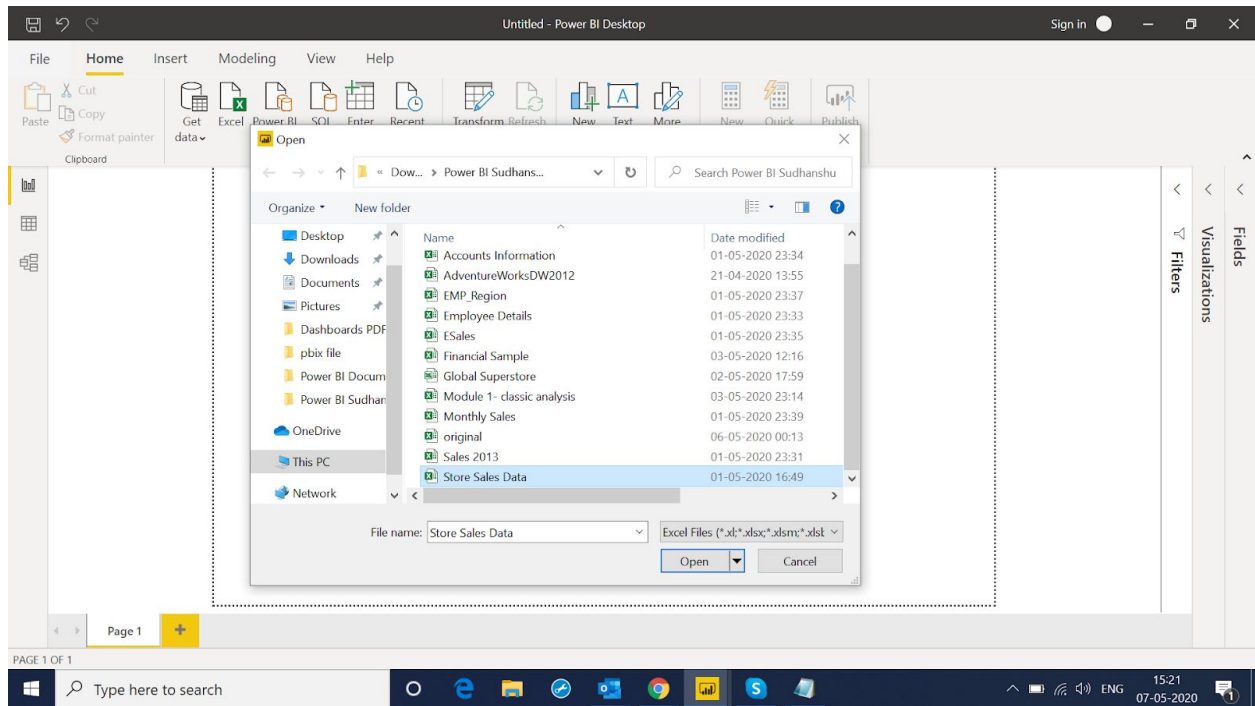
Untitled - Power Query Editor

File | Home | Transform | Add Column | View | Tools | Help

Close & Apply | New Source | Recent Sources | Enter Data | Data source settings | Manage Parameters | Refresh Preview | Properties | Advanced Editor | Manage | Choose Columns | Remove Columns | Keep Rows | Remove Rows | Sort | Split Column | Group By | Data Type: Any | Use First Row as Headers | Use First Row as Headers | Use Headers as First Row | Merge Queries | Append Queries | Combine Files

Queries [1] — Orders

fx = Table.Skip(#"Removed Blank Rows",2)

	Power Store Ltd	Column2	Column3	Column4	Column5
	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid Error Empty
1	Row ID	Order Priority	Discount	Unit Price	Shipping Co
2	18606	Not Specified	0.01	2.88	
3	20847	High	0.01	2.84	
4	23086	Not Specified	0.03	6.68	
5	23087	Not Specified	0.01	5.68	
6	23088	Not Specified	0	205.99	
7	23597	Medium	0.09	55.48	
8	25549	Low	0.08	120.97	
9	20228	Not Specified	0.02	500.98	
10	19483	Low	0.08	6.48	
11	24782	High	0.01	90.24	
12	24563	Critical	0.07	6.48	
13	24564	Critical	0.01	4.84	
14	24565	Critical	0.1	85.99	
15	21866	High	0.05	12.28	
16	20876	Medium	0.08	140.98	
17	20877	Medium	0.1	286.85	
18	22241	Critical	0.06	15.57	
19					

Query Settings

PROPERTIES — Name: Orders — All Properties

APPLIED STEPS:
Source
Navigation
Promoted Headers
Changed Type
Removed Blank Rows
✕ Removed Top Rows

24 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows   PREVIEW DOWNLOADED AT 09:59

Screenshot 2 — Power Query Editor

Untitled - Power Query Editor

File | Home | Transform | Add Column | View | Tools | Help

Data Type: Whole Number | Use First Row as Headers | Replace Values

Queries [1] — Orders

fx = Table.TransformColumnTypes(#"Promoted Headers1",{{"Row ID", Int64.Type}, {"Order

	Row ID	Order Priority	Discount	Unit Price	Shipping C
	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid 100% Error 0% Empty 0%	Valid Error Empty
1	18606	Not Specified	0.01	2.88	
2	20847	High	0.01	2.84	
3	23086	Not Specified	0.03	6.68	
4	23087	Not Specified	0.01	5.68	
5	23088	Not Specified	0	205.99	
6	23597	Medium	0.09	55.48	
7	25549	Low	0.08	120.97	
8	20228	Not Specified	0.02	500.98	
9	19483	Low	0.08	6.48	
10	24782	High	0.01	90.24	
11	24563	Critical	0.07	6.48	
12	24564	Critical	0.01	4.84	
13	24565	Critical	0.1	85.99	
14	21866	High	0.05	12.28	
15	20876	Medium	0.08	140.98	
16	20877	Medium	0.1	286.85	
17	22241	Critical	0.06	15.57	
18	21776	Critical	0.06	9.48	
19					

Query Settings

PROPERTIES — Name: Orders — All Properties

APPLIED STEPS:
Source
Navigation
Promoted Headers
Changed Type
Removed Blank Rows
Removed Top Rows
Promoted Headers1
✕ Changed Type1

24 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows   PREVIEW DOWNLOADED AT 09:59

Step 8

Close & Apply

Step 9

Step 10:

**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**

Step 1:
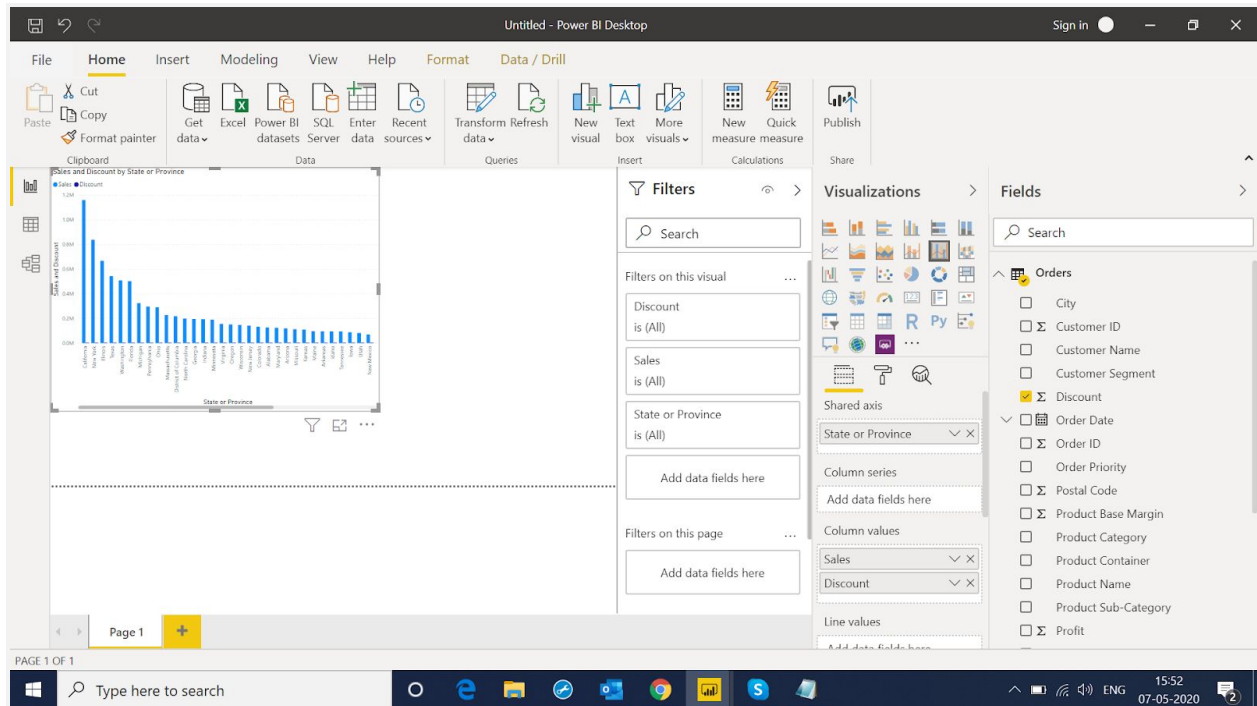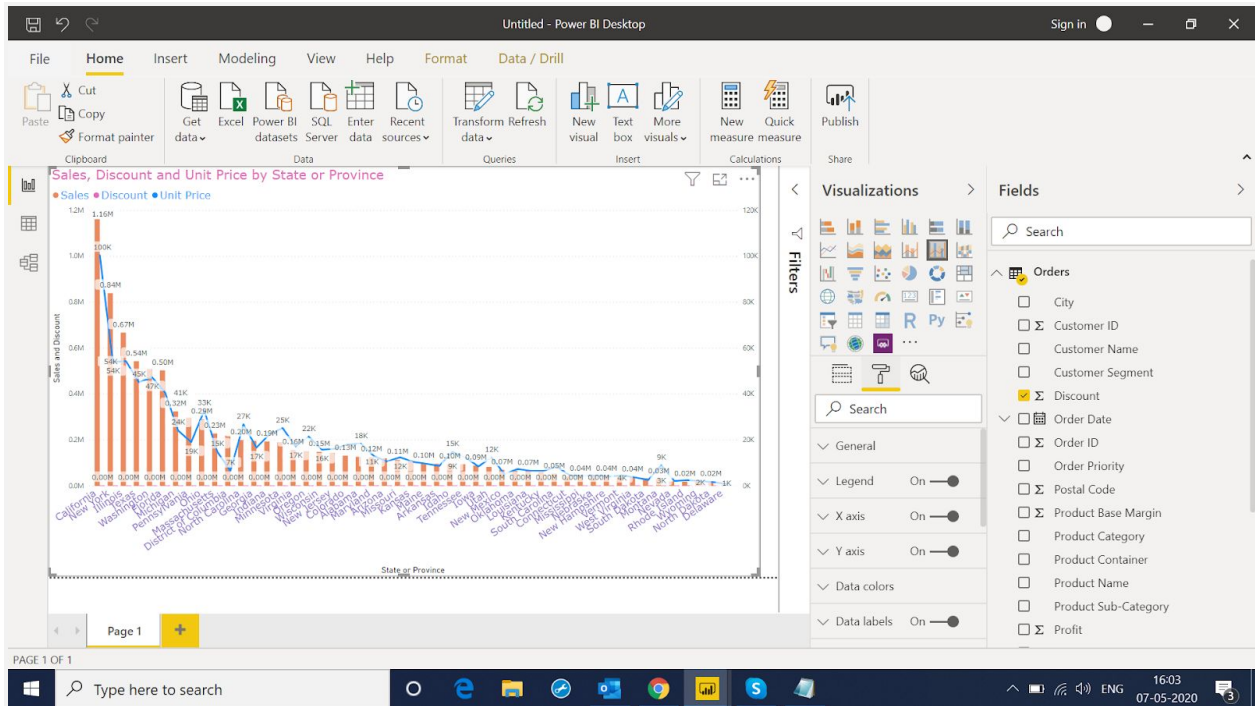
Create a Donut Chart showing sales in terms of Product category
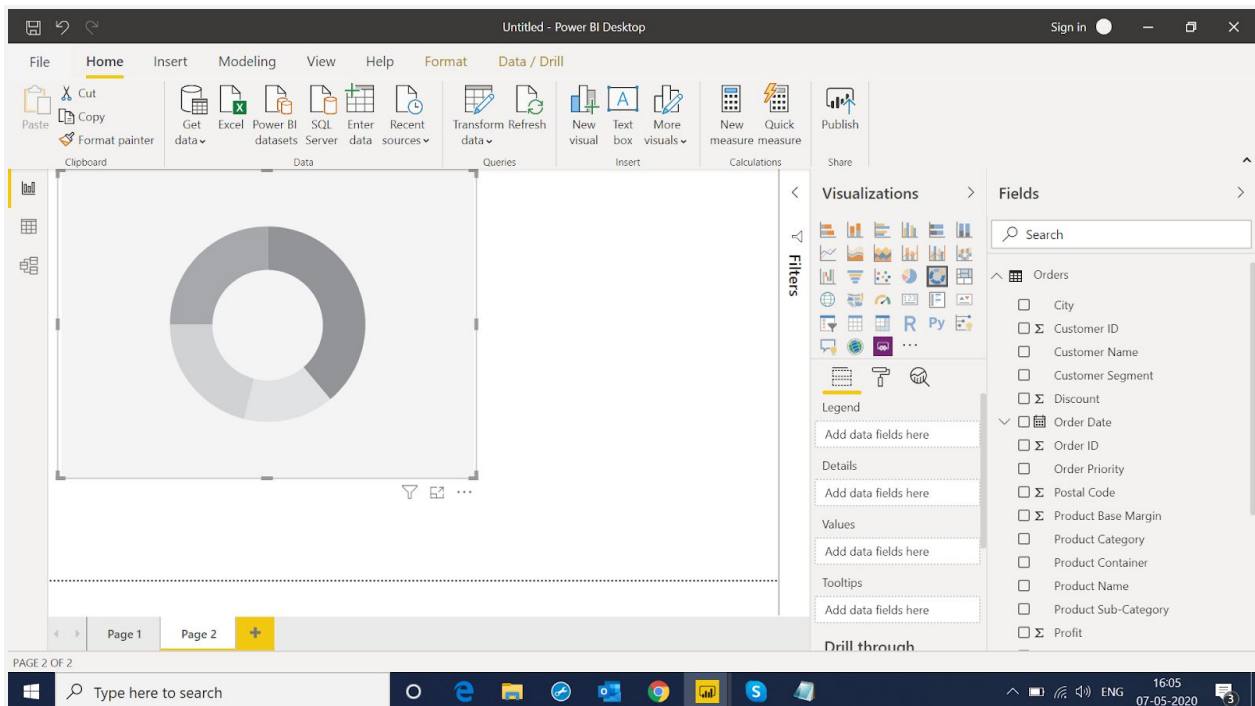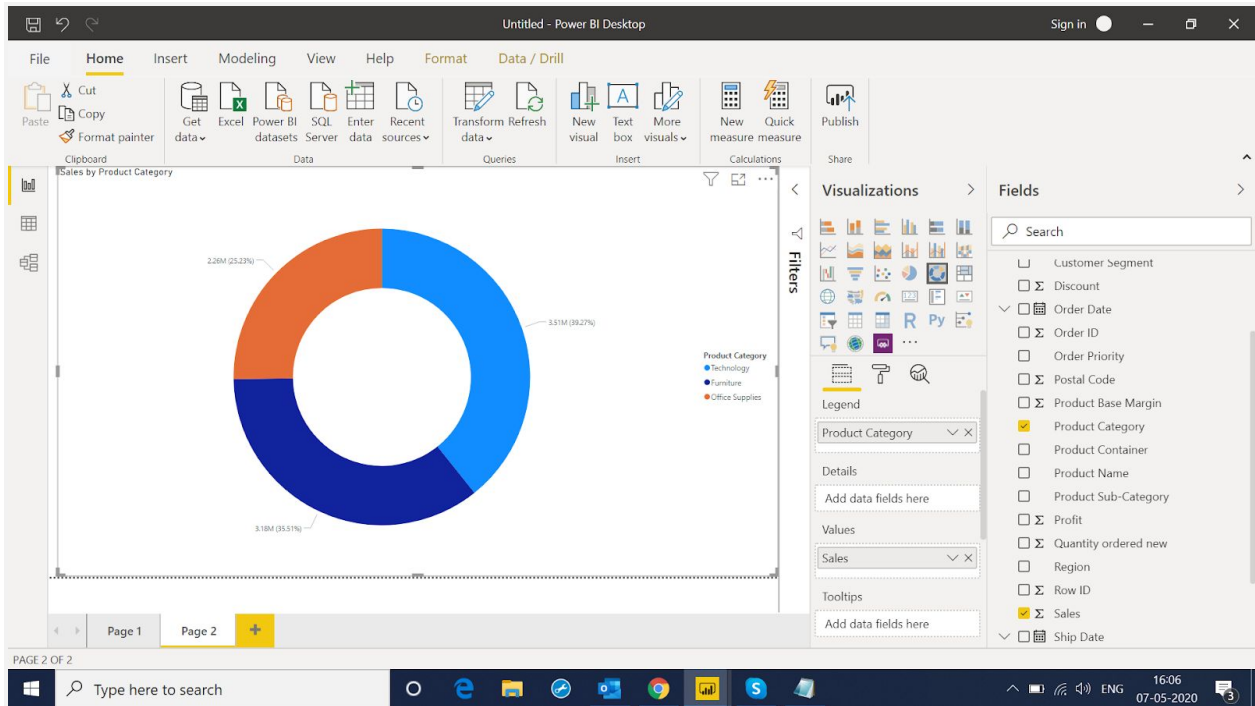
Create a Slicer and show the regions in dropdown. See how all the visuals mentioned above behaving when a particular region is selected.

File | Home | Insert | Modeling | View | Help

Paste | Cut | Copy | Format painter — Clipboard
Get data ▾ | Excel | Power BI datasets | SQL Server | Enter data | Recent sources ▾ — Data
Transform data ▾ | Refresh — Queries
New visual | Text box | More visuals ▾ — Insert
New measure | Quick measure — Calculations
Publish — Share

Customer Name	Product Category	Region	Sales
Aaron Day	Office Supplies	South	710.16
Aaron Day	Technology	South	1,122.85
Alan Atkins	Office Supplies	South	37.87
Albert Tyson	Office Supplies	South	4,161.16
Albert Tyson	Technology	South	1,300.54
Alfred Burton	Furniture	South	117.22
Alfred Burton	Office Supplies	South	181.31
Alfred Burton	Technology	South	4,316.33
Alfred Singh	Furniture	South	7,803.10
Alfred Singh	Office Supplies	South	5,662.01
Alfred Singh	Technology	South	11,892.43
Alicia Maynard	Furniture	South	10.31
Alicia Maynard	Office Supplies	South	935.77
Alison Jones	Furniture	South	185.52
Alison Jones	Office Supplies	South	13.42
Alison Jones	Technology	South	3,294.56
Alison Starr	Furniture	South	146.86
Alison Starr	Office Supplies	South	286.00
Alison Starr	Technology	South	34.47
Allan Dickinson	Furniture	South	43.20
Allan Dickinson	Office Supplies	South	413.99
Allan Shields	Furniture	South	240.63
Allan Shields	Office Supplies	South	668.36
Allan Shields	Technology	South	75.09
Allen Nash	Furniture	South	830.10
Allen Nash	Office Supplies	South	1,238.78
Allen Nash	Technology	South	413.09
Amy Boyd	Office Supplies	South	78.85
Amy Boyd	Technology	South	561.51
Andrea Barr	Office Supplies	South	48.02
Andrew Connor	Office Supplies	South	2,976.91
Total			**15,97,346.22**

Sales by Product Category

373.95K (23.41%)
677.13K (42.39%)
546.26K (34.2%)

Product Category
● Technology
● Furniture
● Office Supplies

Region
South ▾

Sales, Discount and Count of Product Category by State or Province

● Sales ● Discount ● Count of Product Category

(bar/line chart by State or Province: Florida, North Ca..., Georgia, Virginia, Alabama, Arkansas, Tennessee, Louisiana, Kentucky, South Ca..., Mississippi)
Values: 0.50M 522, 0.20M 251 214, 0.16M 198, 0.10M, 166, 0.02M, 0.05M 105, 78

Visualizations | Filters | Fields

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Get data ▾ | Excel | Power BI datasets | SQL Server | Enter data | Recent sources ▾ — Data
Transform data ▾ | Refresh — Queries
New visual | Text box | More visuals ▾ — Insert
New measure | Quick measure — Calculations
Publish — Share

Customer Name	Product Category	Region	Sales
Aaron Davies Bruce	Furniture	West	2,305.95
Aaron Davies Bruce	Office Supplies	West	83.82
Aaron Riggs	Furniture	West	3,112.13
Aaron Riggs	Office Supplies	West	127.86
Aaron Riggs	Technology	West	520.18
Aaron Shaffer	Office Supplies	West	964.30
Adam Saunders Gray	Furniture	West	2,710.30
Adam Saunders Gray	Office Supplies	West	256.72
Adam Saunders Gray	Technology	West	233.98
Alex Harding	Furniture	West	1,348.73
Alex Harding	Technology	West	17,415.57
Alex Nicholson	Office Supplies	West	191.68
Alex Nicholson	Technology	West	471.30
Alexandra Fuller	Furniture	West	291.56
Alexandra Fuller	Technology	West	458.01
Alice Capps	Office Supplies	West	99.56
Alicia Curtis	Furniture	West	1,070.14
Alicia Curtis	Office Supplies	West	712.94
Alicia Curtis	Technology	West	3,609.46
Alicia Wood Shah	Furniture	West	2,333.53
Alicia Wood Shah	Office Supplies	West	5.24
Alicia Wood Shah	Technology	West	1,277.49
Allen Garrett	Office Supplies	West	63.89
Allison Cooke	Furniture	West	727.19
Alvin Mullins	Office Supplies	West	56.40
Amanda Kay	Furniture	West	277.90
Amanda Kay	Office Supplies	West	2,097.06
Amanda Kay	Technology	West	53,418.44
Amanda Shore	Furniture	West	1,287.55
Amy Ellis Holder	Furniture	West	2,809.87
Amy Ellis Holder	Office Supplies	West	79.93
Total			**23,91,438.80**

Sales by Product Category

500.17K (20.91%)
982.19K (41.07%)
909.08K (38.01%)

Product Category
● Technology
● Furniture
● Office Supplies

Region
West ▾

Sales, Discount and Count of Product Category by State or Province

● Sales ● Discount ● Count of Product Category

(bar/line chart by State or Province: California, Washingt..., Oregon, Colorado, Arizona, Idaho, Utah, New Mexi..., Montana, Nevada, Wyoming)
Values: 1.2M 1.0K, 0.5M, 0.3K, 0.2M, 0.1M...

Visualizations | Filters | Fields

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File   Home   Insert   Modeling   View   Help

Paste   Cut   Copy   Format painter | Get data   Excel   Power BI datasets   SQL Server   Enter data   Recent sources | Transform data   Refresh | New visual   Text box   More visuals | New measure   Quick measure | Publish

Clipboard | Data | Queries | Insert | Calculations | Share

Customer Name	Product Category	Region	Sales
Aaron Dillon	Furniture	Central	78.62
Aaron Dillon	Office Supplies	Central	179.66
Adam Barton	Furniture	Central	893.41
Adam Barton	Office Supplies	Central	631.63
Adam Barton	Technology	Central	1,069.92
Adam G Sawyer	Furniture	Central	26.68
Adam G Sawyer	Office Supplies	Central	292.18
Adam G Sawyer	Technology	Central	2,778.01
Alan Chase	Furniture	Central	323.85
Alan Griffith	Office Supplies	Central	505.88
Albert Frost	Furniture	Central	342.62
Albert Frost	Office Supplies	Central	8,705.10
Albert Frost	Technology	Central	739.90
Alex Barry	Office Supplies	Central	12.59
Alex Harrell	Office Supplies	Central	267.89
Alexander Joyner	Technology	Central	164.11
Alexander O'Brien	Office Supplies	Central	9,279.59
Alexander O'Brien	Technology	Central	7,697.91
Alexandra Wise	Furniture	Central	1,170.26
Alexandra Wise	Office Supplies	Central	150.90
Alexandra Wise	Technology	Central	1,170.19
Alfred Barber	Furniture	Central	9,538.42
Alfred Barber	Office Supplies	Central	268.76
Alfred Barber	Technology	Central	10,265.20
Alfred F Dixon	Furniture	Central	143.76
Alfred F Dixon	Office Supplies	Central	47.34
Alfred Moran	Office Supplies	Central	62.94
Alfred Moran	Technology	Central	1,135.42
Alice Brady	Furniture	Central	181.11
Alice Brady	Technology	Central	3,355.66
Alice Coley	Office Supplies	Central	414.49
Total			25,40,341.62

Region
Central

Sales by Product Category

0.67M (26.48%)   1.01M (39.69%)

Product Category
● Technology
● Furniture
● Office Supplies

0.86M (33.82%)

Sales, Discount and Count of Product Category by State or Province

● Sales ● Discount ● Count of Product Category

0.8M   0.67M 646
0.6M   0.54M
0.4M   0.32M
0.2M   0.19M 241 239 0.15M 161 0.11M 156 0.07M 0.03M 0.00M
0.0M   0.00M 0.00M 169 0.00M 0.00M 0.00M 28

Illinois Texas Michigan Indiana Minnesota Wisconsin Missouri Kansas Iowa Oklahoma Nebraska South Da... North Da...

State or Province

Visualizations   Filters   Fields

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