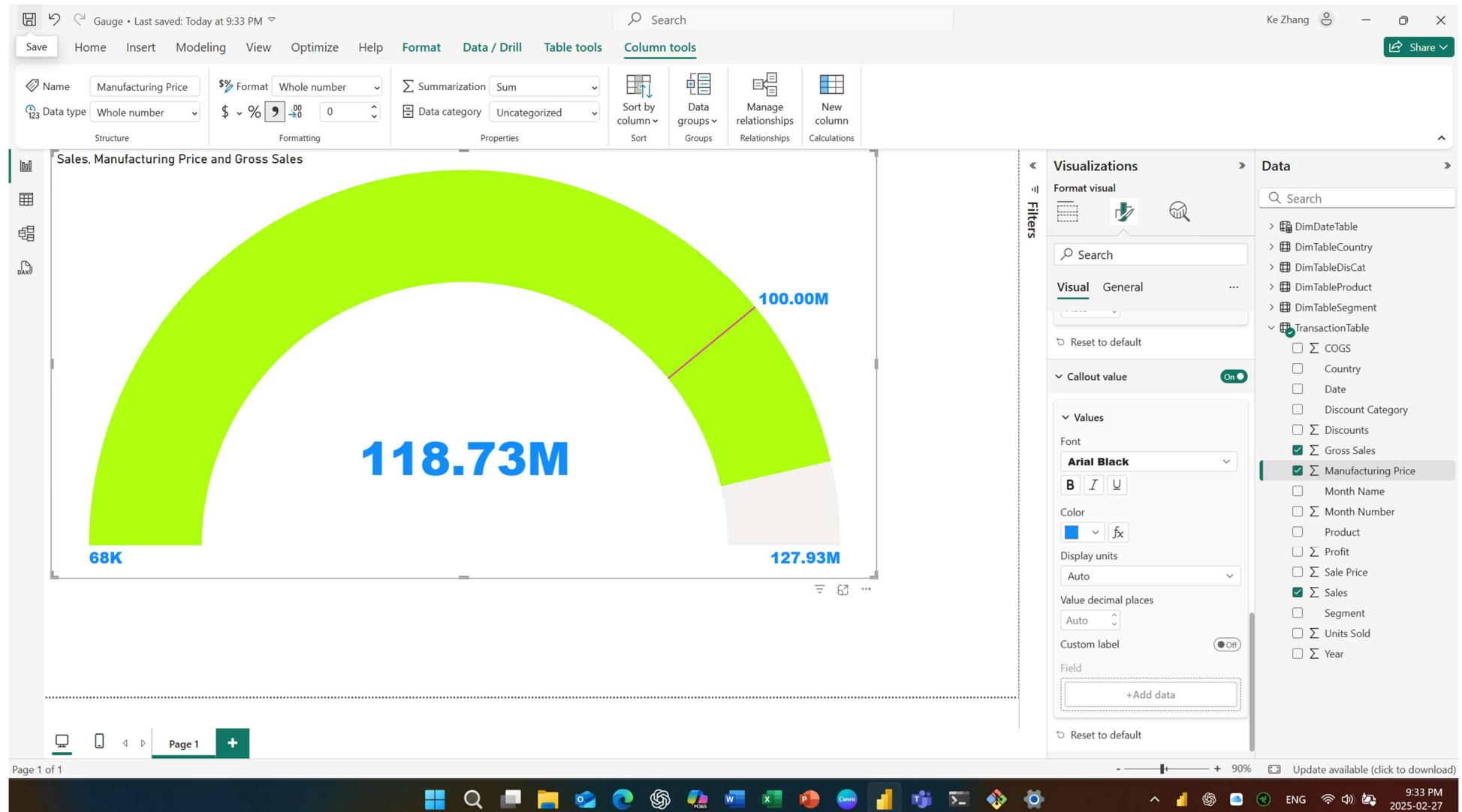


## 1. Gauge Chart



## 2. KPI Visuals

KPI • Last saved: Today at 9:22 PM

Ke Zhang

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel OneLake SQL Server Enter data Data hub Data Recent sources Transform Refresh data New visual Text box More visuals Insert Calculations Sensitivity Publish Copilot

Gross Sales and Sales by Date

**12.51M ✓**  
Major Goal: 12.00M (+509.48K +4.25%)  
01/12/2022 12:00:00 AM

Visualizations Data

Format visual

Search

Visual General

Value decimal places: 2

Distance direction: Increasing is positive

Font: Comic Sans MS, 15

Font color: Green

Date

Font: Comic Sans MS, 12

Font color: Green

Reset to default

Filters

Search

WeekNo, Year, YearMonth, YearMonthNo, YearQuarter, DimTableCountry, DimTableDisCat, DimTableProduct, DimTableSegment, TransactionTable, COGS, Country, Date, Discount Category, Discounts, Gross Sales, Manufacturing Price, Month Name, Month Number, Product, Profit, Sale Price, Sales, Segment, Units Sold, Year

Page 1

88% 9:49 PM 2025-02-27

Update available (click to download)

Page 1 of 1

Windows taskbar icons: File Explorer, Search, Task View, File, OneDrive, Edge, Microsoft 365, Word, Excel, Power BI, Copilot, Teams, SharePoint, Settings.

### 3. Matrix Visual

#### 3.1 Matix

Matrix • Last saved: Today at 9:22 PM ▾ Ke Zhang

File Home Insert Modeling View Optimize Help

Cut Copy Paste Format painter Clipboard

Get data workbook data hub OneLake SQL Server Enter data Dataverse Recent sources

Transform Refresh data New visual Text box More visuals

New visual calculation New measure Quick measure Sensitivity Publish Copilot

Queries Data Insert Calculations Sensitivity Share Copilot

Country	Amarilla	Carretera	Montana	Paseo	Velo	VTT	Total
Canada	3,855,765.88	2,610,204.34	2,711,919.03	7,611,520.99	3,329,490.34	4,768,754.31	<b>24,887,654.89</b>
France	4,016,427.13	3,423,321.90	3,527,382.37	5,597,751.06	3,978,096.24	3,811,193.59	<b>24,354,172.29</b>
Germany	3,960,250.26	3,062,340.68	3,566,044.37	5,229,814.74	4,392,907.00	3,293,983.77	<b>23,505,340.82</b>
Mexico	3,077,555.39	2,879,601.42	1,941,329.31	7,627,731.39	2,250,737.89	3,172,396.71	<b>20,949,352.11</b>
United States of America	2,837,117.41	1,839,839.55	3,644,126.80	6,944,325.78	4,298,828.00	5,465,592.64	<b>25,029,830.18</b>
<b>Total</b>	<b>17,747,116.07</b>	<b>13,815,307.89</b>	<b>15,390,801.88</b>	<b>33,011,143.96</b>	<b>18,250,059.47</b>	<b>20,511,921.02</b>	<b>118,726,350.29</b>

Visualizations Data

Build visual

DimDateTable DimTableCountry DimTableDisCat DimTableProduct DimTableSegment

TransactionTable

- Σ COGS
- Country
- Date
- Discount Categ...
- Σ Discounts
- Σ Gross Sales
- Σ Manufacturing ...
- Month Name
- Σ Month Number
- Product
- Σ Profit
- Σ Sale Price
- Σ Sales
- Segment
- Σ Units Sold
- Σ Year

Values Add data fields here

Drill through

Cross-report Off

Keep all filters On

Add drill-through fields here

Filters

Page 1 +

94% Update available (click to download) 9:58 PM 2025-02-27

### 3.2 Matrix-Drill through

Matrix • Last saved: Today at 9:22 PM ▾

Ke Zhang

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Paste Get data Excel workbook data hub OneLake SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New visual calculation New measure Quick Sensitivity Publish Copilot

Queries Data Calculations Sensitivity Share Copilot

**Visualizations**

Build visual

Filters

Rows

Columns

Values

Drill through

Cross-report  Off

Keep all filters  On

Add drill-through fields here

Search

Country

Country	Amarilla	Carretera	Montana	Paseo	Velo	VTT	Total
<b>Canada</b>	3,855,765.88	2,610,204.34	2,711,919.03	7,611,520.99	3,329,490.34	4,768,754.31	24,887,654.89
<b>2021</b>	<b>1,057,358.86</b>	<b>342,246.56</b>	<b>426,653.79</b>	<b>1,615,517.31</b>	<b>393,377.76</b>	<b>1,340,734.50</b>	<b>5,175,888.78</b>
September-01-21	29,156.16	265,760.00	354,108.00	47,483.85	50,803.20	191,884.00	939,195.21
October-01-21	430,794.70	45,091.44	62,283.72	483,118.42	112,527.00	95,793.00	1,229,608.28
November-01-21		20,826.00		1,018,397.04	14,497.56	366,105.50	1,419,826.10
December-01-21	597,408.00	10,569.12	10,262.07	66,518.00	215,550.00	686,952.00	1,587,259.19
<b>2022</b>	<b>2,798,407.02</b>	<b>2,267,957.78</b>	<b>2,285,265.24</b>	<b>5,996,003.68</b>	<b>2,936,112.58</b>	<b>3,428,019.81</b>	<b>19,711,766.11</b>
January-01-22	180,416.25	32,370.00	670,477.50	261,657.72	5,126.40	36,208.62	1,186,256.49
February-01-22	705,600.00	20,687.16	3,142.72	40,576.10	111,860.00	600,300.00	1,482,165.98
March-01-22	229,104.00	281,053.50	28,324.80	256,859.10	6,601.92	9,189.18	811,132.50
April-01-22	38,021.40	90,956.25	1,038,082.50	24,880.35	74,699.70	326,922.75	1,593,562.95
May-01-22	191,231.25	16,121.40	60,200.00	47,651.08	17,604.90	22,271.04	783,941.67
June-01-22	20,416.05	338,762.40	43,243.20	1,302,473.25	808,832.85	212,251.65	2,725,979.40
July-01-22	22,256.33	5,217.03	333,187.50	698,549.43	1,035,625.50	14,713.50	2,109,549.29
August-01-22	183,540.00	21,025.44	12,681.90	75,240.45	114,221.25	545,334.00	952,043.04
September-01-22	222,705.00	17,166.60	2,335.76	42,960.00	64,496.25	588,984.00	938,647.61
October-01-22	421,017.94	401,197.20	38,574.04	300,976.30	647,767.75	406,391.25	2,215,924.48
November-01-22	20,794.80	35,494.80	25,345.32	575,422.00	11,263.84	284,512.50	952,833.26
December-01-22	563,304.00	1,007,906.00	29,670.00	1,939,895.90	38,012.22	380,941.32	3,959,729.44
<b>France</b>	<b>4,016,427.13</b>	<b>3,423,321.90</b>	<b>3,527,382.37</b>	<b>5,597,751.06</b>	<b>3,978,096.24</b>	<b>3,811,193.59</b>	<b>24,354,172.29</b>
<b>2021</b>	<b>700,344.11</b>	<b>304,206.84</b>	<b>654,507.09</b>	<b>819,903.95</b>	<b>1,287,018.00</b>	<b>1,366,815.18</b>	<b>5,132,795.17</b>
<b>2022</b>	<b>3,316,083.02</b>	<b>3,119,115.06</b>	<b>2,872,875.28</b>	<b>4,777,847.11</b>	<b>2,691,078.24</b>	<b>2,444,378.41</b>	<b>19,221,377.12</b>
<b>Germany</b>	<b>3,960,250.26</b>	<b>3,062,340.68</b>	<b>3,566,044.37</b>	<b>5,229,814.74</b>	<b>4,392,907.00</b>	<b>3,293,983.77</b>	<b>23,505,340.82</b>
<b>2021</b>	<b>1,172,317.15</b>	<b>190,685.78</b>	<b>1,052,853.45</b>	<b>1,272,972.64</b>	<b>1,790,278.30</b>	<b>748,628.15</b>	<b>6,227,735.47</b>
<b>2022</b>	<b>2,787,933.11</b>	<b>2,871,654.90</b>	<b>2,513,190.92</b>	<b>3,956,842.10</b>	<b>2,602,628.70</b>	<b>2,545,355.62</b>	<b>17,277,605.35</b>
<b>Mexico</b>	<b>3,077,555.39</b>	<b>2,879,601.42</b>	<b>1,941,329.31</b>	<b>7,627,731.39</b>	<b>2,250,737.89</b>	<b>3,172,396.71</b>	<b>20,949,352.11</b>
<b>2021</b>	<b>262,209.29</b>	<b>504,953.92</b>	<b>796,830.54</b>	<b>1,255,411.96</b>	<b>1,069,230.15</b>	<b>865,785.40</b>	<b>4,754,421.26</b>
<b>2022</b>	<b>2,815,346.10</b>	<b>2,374,647.50</b>	<b>1,144,498.77</b>	<b>6,372,319.43</b>	<b>1,181,507.74</b>	<b>2,306,611.31</b>	<b>16,194,930.85</b>
<b>United States of America</b>	<b>2,837,117.41</b>	<b>1,839,839.55</b>	<b>3,644,126.80</b>	<b>6,944,325.78</b>	<b>4,298,828.00</b>	<b>5,465,592.64</b>	<b>25,029,830.18</b>
<b>2021</b>	<b>326,903.12</b>	<b>64,772.76</b>	<b>1,044,938.17</b>	<b>950,941.23</b>	<b>1,657,395.55</b>	<b>1,079,464.00</b>	<b>5,124,414.83</b>
<b>2022</b>	<b>2,510,214.29</b>	<b>1,775,066.79</b>	<b>2,599,188.63</b>	<b>5,993,384.55</b>	<b>2,641,432.45</b>	<b>4,386,128.64</b>	<b>19,905,415.35</b>
<b>Total</b>	<b>17,747,116.07</b>	<b>13,815,307.89</b>	<b>15,390,801.88</b>	<b>33,011,143.96</b>	<b>18,250,059.47</b>	<b>20,511,921.02</b>	<b>118,726,350.29</b>

Page 1 of 1

80% Update available (click to download)

10:06 PM 2025-02-27

### 3.3 Format Matrix

Matrix • Last saved: Today at 10:18 PM

Ke Zhang

**Home**

Cut, Copy, Format painter, Paste, Clipboard, Get data, Excel workbook data hub, OneLake, SQL Server, Enter data, Data, Recent sources, Transform Refresh data, New visual, Text box, More visuals, New visual calculation, New measure, Quick measure, Sensitivity, Publish, Copilot.

**Queries**

**Insert**

**Calculations**

**Sensitivity**, Share, Copilot.

**Visualizations**

Format visual, Search, Visual, General, Properties, Effects, Data format, Header icons, On, Tooltips, Off, Alt text.

**Data**

Search, DimDateTable, DimTableCountry, DimTableDisCat, DimTableProduct, DimTableSegment, TransactionTable, COGS, Country, Date, Discount Category, Discounts, Gross Sales, Manufacturing Price, Month Name, Month Number, Product, Profit, Sale Price, Sales, Segment, Units Sold, Year.

Country	Amarilla	Carretera	Montana	Paseo	Velo	VTT	Total
Canada	3,855,765.88	2,610,204.34	2,711,919.03	7,611,520.99	3,329,490.34	4,768,754.31	24,887,654.89
2021	1,057,358.86	342,246.56	426,653.79	1,615,517.31	393,377.76	1,340,734.50	5,175,888.78
2022	2,798,407.02	2,267,957.78	2,285,265.24	5,996,003.68	2,936,112.58	3,428,019.81	19,711,766.11
France	4,016,427.13	3,423,321.90	3,527,382.37	5,597,751.06	3,978,096.24	3,811,193.59	24,354,172.29
2021	700,344.11	304,206.84	654,507.09	819,903.95	1,287,018.00	1,366,815.18	5,132,795.17
2022	3,316,083.02	3,119,115.06	2,872,875.28	4,777,847.11	2,691,078.24	2,444,378.41	19,221,377.12
Germany	3,960,250.26	3,062,340.68	3,566,044.37	5,229,814.74	4,392,907.00	3,293,983.77	23,505,340.82
2021	1,172,317.15	190,685.78	1,052,853.45	1,272,972.64	1,790,278.30	748,628.15	6,227,735.47
2022	2,787,933.11	2,871,654.90	2,513,190.92	3,956,842.10	2,602,628.70	2,545,355.62	17,277,605.35
Mexico	3,077,555.39	2,879,601.42	1,941,329.31	7,627,731.39	2,250,737.89	3,172,396.71	20,949,352.11
2021	262,209.29	504,953.92	796,830.54	1,255,411.96	1,069,230.15	865,785.40	4,754,421.26
2022	2,815,346.10	2,374,647.50	1,144,498.77	6,372,319.43	1,181,507.74	2,306,611.31	16,194,930.85
United States of America	2,837,117.41	1,839,839.55	3,644,126.80	6,944,325.78	4,298,828.00	5,465,592.64	25,029,830.18
2021	326,903.12	64,772.76	1,044,938.17	950,941.23	1,657,395.55	1,079,464.00	5,124,414.83
2022	2,510,214.29	1,775,066.79	2,599,188.63	5,993,384.55	2,641,432.45	4,386,128.64	19,905,415.35
<b>Total</b>	<b>17,747,116.07</b>	<b>13,815,307.89</b>	<b>15,390,801.88</b>	<b>33,011,143.96</b>	<b>18,250,059.47</b>	<b>20,511,921.02</b>	<b>118,726,350.29</b>

Page 1 of 1

Page 1 +

10:18 PM 2025-02-27

### 3.4 Format Value and column header

Matrix • Last saved: Today at 10:23 PM

Ke Zhang

**File Home Insert Modeling View Optimize Help Format Data / Drill**

Cut Copy Format painter Paste Get data Excel workbook Data OneLake SQL Server Enter data Refresh data Recent sources New visual Text box More visuals Transform data Insert New visual calculation New measure Quick measure Sensitivity Publish Copilot

**Queries**

**Calculations**

**Sensitivity Share Copilot**

**Visualizations**

Format visual

Search

**Data**

Search

Country	Amarilla	Carretera	Montana	Paseo	Velo	VTT	Total
Canada	3,855,765.88	2,610,204.34	2,711,919.03	7,611,520.99	3,329,490.34	4,768,754.31	24,887,654.89
2021	1,057,358.86	342,246.56	426,653.79	1,615,517.31	393,377.76	1,340,734.50	5,175,888.78
2022	2,798,407.02	2,267,957.78	2,285,265.24	5,996,003.68	2,936,112.58	3,428,019.81	19,711,766.11
France	4,016,427.13	3,423,321.90	3,527,382.37	5,597,751.06	3,978,096.24	3,811,193.59	24,354,172.29
2021	700,344.11	304,206.84	654,507.09	819,903.95	1,287,018.00	1,366,815.18	5,132,795.17
2022	3,316,083.02	3,119,115.06	2,872,875.28	4,777,847.11	2,691,078.24	2,444,378.41	19,221,377.12
Germany	3,960,250.26	3,062,340.68	3,566,044.37	5,229,814.74	4,392,907.00	3,293,983.77	23,505,340.82
2021	1,172,317.15	190,685.78	1,052,853.45	1,272,972.64	1,790,278.30	748,628.15	6,227,735.47
2022	2,787,933.11	2,871,654.90	2,513,190.92	3,956,842.10	2,602,628.70	2,545,355.62	17,277,605.35
Mexico	3,077,555.39	2,879,601.42	1,941,329.31	7,627,731.39	2,250,737.89	3,172,396.71	20,949,352.11
2021	262,209.29	504,953.92	796,830.54	1,255,411.96	1,069,230.15	865,785.40	4,754,421.26
2022	2,815,346.10	2,374,647.50	1,144,498.77	6,372,319.43	1,181,507.74	2,306,611.31	16,194,930.85
United States of America	2,837,117.41	1,839,839.55	3,644,126.80	6,944,325.78	4,298,828.00	5,465,592.64	25,029,830.18
2021	326,903.12	64,772.76	1,044,938.17	950,941.23	1,657,395.55	1,079,464.00	5,124,414.83
2022	2,510,214.29	1,775,066.79	2,599,188.63	5,993,384.55	2,641,432.45	4,386,128.64	19,905,415.35
<b>Total</b>	<b>17,747,116.07</b>	<b>13,815,307.89</b>	<b>15,390,801.88</b>	<b>33,011,143.96</b>	<b>18,250,059.47</b>	<b>20,511,921.02</b>	<b>118,726,350.29</b>

Page 1 of 1

Page 1 +

90% Update available (click to download)

10:23 PM 2025-02-27

### 3.5 Format the row headers

Matrix • Last saved: Today at 10:23 PM

Ke Zhang

File Home Insert Modeling View Optimize Help Format Data / Drill

Visual table Data point table Entire page Show Interactions Drill up Drill down Drill through Groups Find anomalies Data groups AI

Country	Amarilla	Carretera	Montana	Paseo	Velo	VTT	SUM
Canada	3,855,765.88	2,610,204.34	2,711,919.03	7,611,520.99	3,329,490.34	4,768,754.31	24,887,654.89
2021	1,057,358.86	342,246.56	426,653.79	1,615,517.31	393,377.76	1,340,734.50	5,175,888.78
September-01-21	29,156.16	265,760.00	354,108.00	47,483.85	50,803.20	191,884.00	939,195.21
October-01-21	430,794.70	45,091.44	62,283.72	483,118.42	112,527.00	95,793.00	1,229,608.28
November-01-21		20,826.00		1,018,397.04	14,497.56	366,105.50	1,419,826.10
December-01-21	597,408.00	10,569.12	10,262.07	66,518.00	215,550.00	686,952.00	1,587,259.19
2022	2,798,407.02	2,267,957.78	2,285,265.24	5,996,003.68	2,936,112.58	3,428,019.81	19,711,766.11
France	4,016,427.13	3,423,321.90	3,527,382.37	5,597,751.06	3,978,096.24	3,811,193.59	24,354,172.29
2021	700,344.11	304,206.84	654,507.09	819,903.95	1,287,018.00	1,366,815.18	5,132,795.17
2022	3,316,083.02	3,119,115.06	2,872,875.28	4,777,847.11	2,691,078.24	2,444,378.41	19,221,377.12
Germany	3,960,250.26	3,062,340.68	3,566,044.37	5,229,814.74	4,392,907.00	3,293,983.77	23,505,340.82
2021	1,172,317.15	190,685.78	1,052,853.45	1,272,972.64	1,790,278.30	748,628.15	6,227,735.47
2022	2,787,933.11	2,871,654.90	2,513,190.92	3,956,842.10	2,602,628.70	2,545,355.62	17,277,605.35
Mexico	3,077,555.39	2,879,601.42	1,941,329.31	7,627,731.39	2,250,737.89	3,172,396.71	20,949,352.11
2021	262,209.29	504,953.92	796,830.54	1,255,411.96	1,069,230.15	865,785.40	4,754,421.26
2022	2,815,346.10	2,374,647.50	1,144,498.77	6,372,319.43	1,181,507.74	2,306,611.31	16,194,930.85
United States of America	2,837,117.41	1,839,839.55	3,644,126.80	6,944,325.78	4,298,828.00	5,465,592.64	25,029,830.18
2021	326,903.12	64,772.76	1,044,938.17	950,941.23	1,657,395.55	1,079,464.00	5,124,414.83
2022	2,510,214.29	1,775,066.79	2,599,188.63	5,993,384.55	2,641,432.45	4,386,128.64	19,905,415.35
Total	17,747,116.07	13,815,307.89	15,390,801.88	33,011,143.96	18,250,059.47	20,511,921.02	118,726,350.29

Visualizations Data

Format visual

Column subtotals

Apply settings to Per column level Column level All

Columns Show subtotal Subtotal label SUM

Values Font Arial 13 B I U Text color Black Background color Gray

Page 1 +

Page 1 of 1

10:32 PM 2025-02-27

### 3.6 Format the row subtotal and grand totals

Matrix • Last saved: Today at 10:41 PM

Ke Zhang

File Home Insert Modeling View Optimize Help Format Data / Drill

Visual table Data point table Apply drill down filters Entire page Show Interactions

Drill actions Drill up Drill down Drill through Groups Find anomalies AI

Country	Amarilla	Carretera	Montana	Paseo	Velo	VTT	SUM
<b>Canada</b>							
2021	1,057,358.86	342,246.56	426,653.79	1,615,517.31	393,377.76	1,340,734.50	<b>\$,175,888.78</b>
2022	2,798,407.02	2,267,957.78	2,285,265.24	5,996,003.68	2,936,112.58	3,428,019.81	<b>19,711,766.11</b>
<b>SUM</b>	<b>3,855,765.88</b>	<b>2,610,204.34</b>	<b>2,711,919.03</b>	<b>7,611,520.99</b>	<b>3,329,490.34</b>	<b>4,768,754.31</b>	<b>24,887,654.89</b>
<b>France</b>							
2021	700,344.11	304,206.84	654,507.09	819,903.95	1,287,018.00	1,366,815.18	<b>\$,132,795.17</b>
2022	3,316,083.02	3,119,115.06	2,872,875.28	4,777,847.11	2,691,078.24	2,444,378.41	<b>19,221,377.12</b>
<b>SUM</b>	<b>4,016,427.13</b>	<b>3,423,321.90</b>	<b>3,527,382.37</b>	<b>5,597,751.06</b>	<b>3,978,096.24</b>	<b>3,811,193.59</b>	<b>24,354,172.29</b>
<b>Germany</b>							
2021	1,172,317.15	190,685.78	1,052,853.45	1,272,972.64	1,790,278.30	748,628.15	<b>6,227,735.47</b>
2022	2,787,933.11	2,871,654.90	2,513,190.92	3,956,842.10	2,602,628.70	2,545,355.62	<b>17,277,605.35</b>
<b>SUM</b>	<b>3,960,250.26</b>	<b>3,062,340.68</b>	<b>3,566,044.37</b>	<b>5,229,814.74</b>	<b>4,392,907.00</b>	<b>3,293,983.77</b>	<b>23,505,340.82</b>
<b>Mexico</b>							
2021	262,209.29	504,953.92	796,830.54	1,255,411.96	1,069,230.15	865,785.40	<b>4,754,421.26</b>
2022	2,815,346.10	2,374,647.50	1,144,498.77	6,372,319.43	1,181,507.74	2,306,611.31	<b>16,194,930.85</b>
<b>SUM</b>	<b>3,077,555.39</b>	<b>2,879,601.42</b>	<b>1,941,329.31</b>	<b>7,627,731.39</b>	<b>2,250,737.89</b>	<b>3,172,396.71</b>	<b>20,949,352.11</b>
<b>United States of America</b>							
2021	326,903.12	64,772.76	1,044,938.17	950,941.23	1,657,395.55	1,079,464.00	<b>\$,124,414.83</b>
2022	2,510,214.29	1,775,066.79	2,599,188.63	5,993,384.55	2,641,432.45	4,386,128.64	<b>19,905,415.35</b>
<b>SUM</b>	<b>2,837,117.41</b>	<b>1,839,839.55</b>	<b>3,644,126.80</b>	<b>6,944,325.78</b>	<b>4,298,828.00</b>	<b>5,465,592.64</b>	<b>25,029,830.18</b>
<b>SUM</b>	<b>17,747,116.07</b>	<b>13,815,307.89</b>	<b>15,390,801.88</b>	<b>33,011,143.96</b>	<b>18,250,959.47</b>	<b>20,511,921.02</b>	<b>118,726,350.29</b>

Visualizations Data

Format visual

Search

Visual General ...

Row grand total

Values

Font: Candara, 13px

Text color: #000000

Background color: #F0F0F0

Apply to labels: Off

Reset to default

Specific column

Cell elements

URL icon

Image size

Page 1 +

Page 1 of 1

90% Update available (click to download)

10:41 PM 2025-02-27

### 3.7 Format specific column and cell elements

Matrix • Last saved: Today at 10:41 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Visual table Data point table Apply drill down filters Show Interactions Entire page Drill up Drill down Drill through Groups Data groups Find anomalies AI

Drill actions

**Country**

	Amarilla	Carretera	Montana	Paseo	Velo	VTT	SUM
<b>Canada</b>							
2021	1,057.36K	342.25K	426.65K	1,615.52K	393.38K	1,340.73K	5,175.89K
2022	2,798.41K	2,267.96K	2,285.27K	5,996.00K	2,936.11K	3,428.02K	19,711.77K
<b>SUM</b>	<b>3,855.77K</b>	<b>2,610.20K</b>	<b>2,711.92K</b>	<b>7,611.52K</b>	<b>3,329.49K</b>	<b>4,768.75K</b>	<b>24,887.65K</b>
<b>France</b>							
2021	700.34K	304.21K	654.51K	819.90K	1,287.02K	1,366.82K	5,132.80K
2022	3,316.08K	3,119.12K	2,872.88K	4,777.85K	2,691.08K	2,444.38K	19,221.38K
<b>SUM</b>	<b>4,016.43K</b>	<b>3,423.32K</b>	<b>3,527.38K</b>	<b>5,597.75K</b>	<b>3,978.10K</b>	<b>3,811.19K</b>	<b>24,354.17K</b>
<b>Germany</b>							
2021	1,172.32K	190.69K	1,052.85K	1,272.97K	1,790.28K	748.63K	6,227.74K
2022	2,787.93K	2,871.65K	2,513.19K	3,956.84K	2,602.63K	2,545.36K	17,277.61K
<b>SUM</b>	<b>3,960.25K</b>	<b>3,062.34K</b>	<b>3,566.04K</b>	<b>5,229.81K</b>	<b>4,392.91K</b>	<b>3,293.98K</b>	<b>23,505.34K</b>
<b>Mexico</b>							
2021	262.21K	504.95K	796.83K	1,255.41K	1,069.23K	865.79K	4,754.42K
2022	2,815.35K	2,374.65K	1,144.50K	6,372.32K	1,181.51K	2,306.61K	16,194.93K
<b>SUM</b>	<b>3,077.56K</b>	<b>2,879.60K</b>	<b>1,941.33K</b>	<b>7,627.73K</b>	<b>2,250.74K</b>	<b>3,172.40K</b>	<b>20,949.35K</b>
<b>United States of America</b>							
2021	326.90K	64.77K	1,044.94K	950.94K	1,657.40K	1,079.46K	5,124.41K
2022	2,510.21K	1,775.07K	2,599.19K	5,993.38K	2,641.43K	4,386.13K	19,905.42K
<b>SUM</b>	<b>2,837.12K</b>	<b>1,839.84K</b>	<b>3,644.13K</b>	<b>6,944.33K</b>	<b>4,298.83K</b>	<b>5,465.59K</b>	<b>25,029.83K</b>
<b>SUM</b>	<b>17,747.12K</b>	<b>13,815.31K</b>	<b>15,390.80K</b>	<b>33,011.14K</b>	<b>18,250.06K</b>	<b>20,511.92K</b>	<b>118,726.35K</b>

Visualizations Data

Format visual

Search

Visual General ...

Apply to header On

Apply to subtotals On

Apply to total Off

Apply to values On

Values

Text color

Background color

Alignment

Display units Thousands

Value decimal places Auto

Cell elements

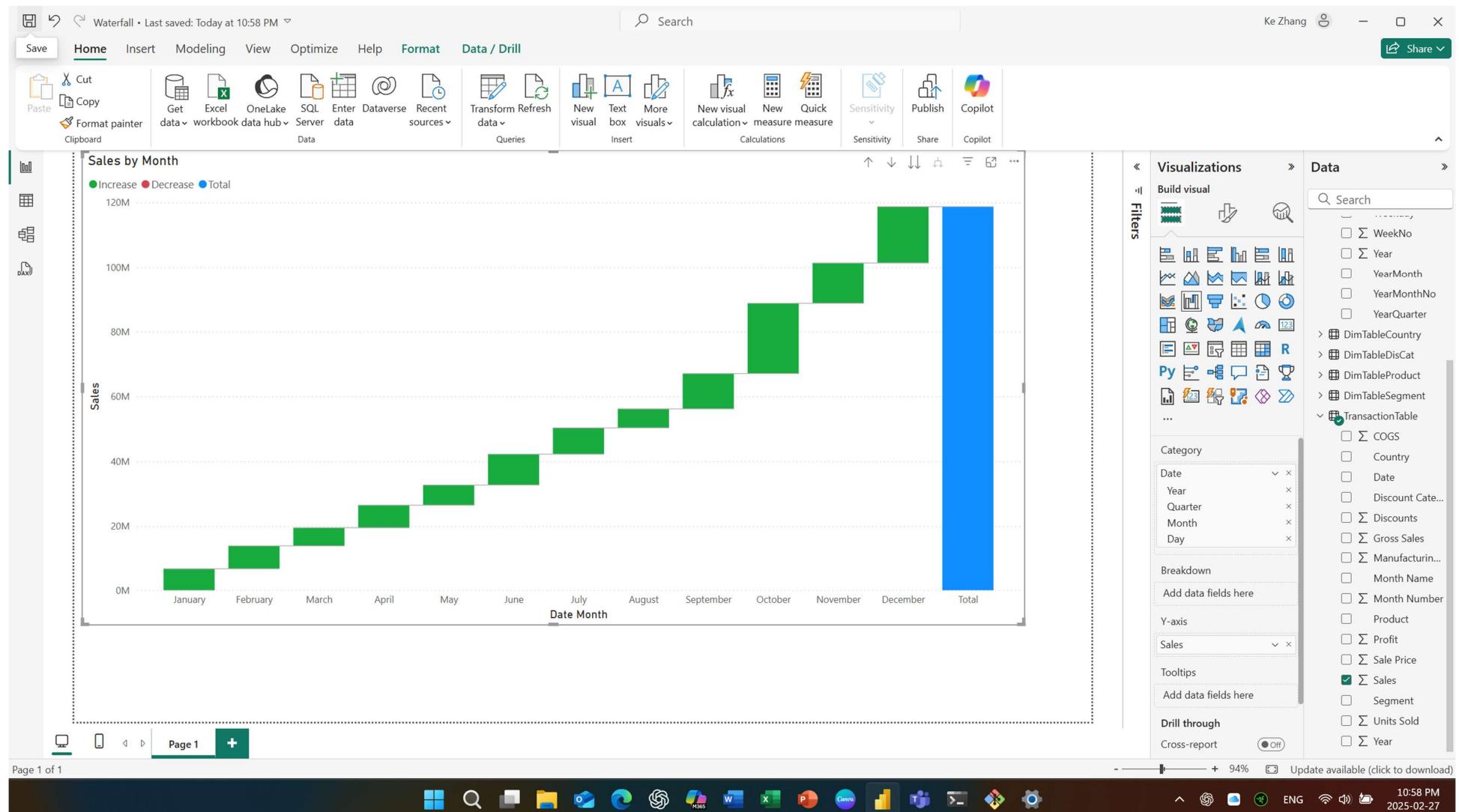
Reset to default

Page 1 +

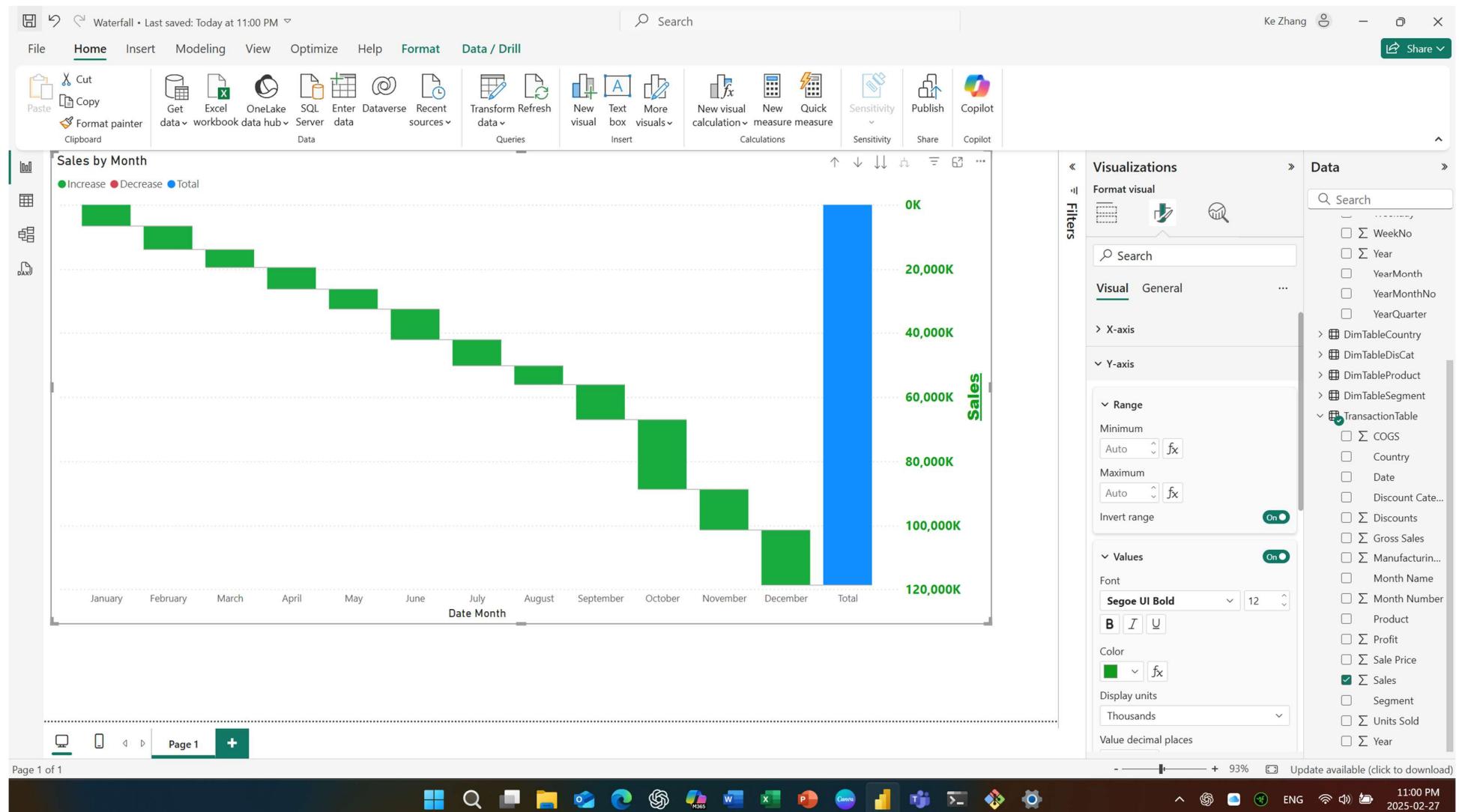
Page 1 of 1

10:49 PM 2025-02-27

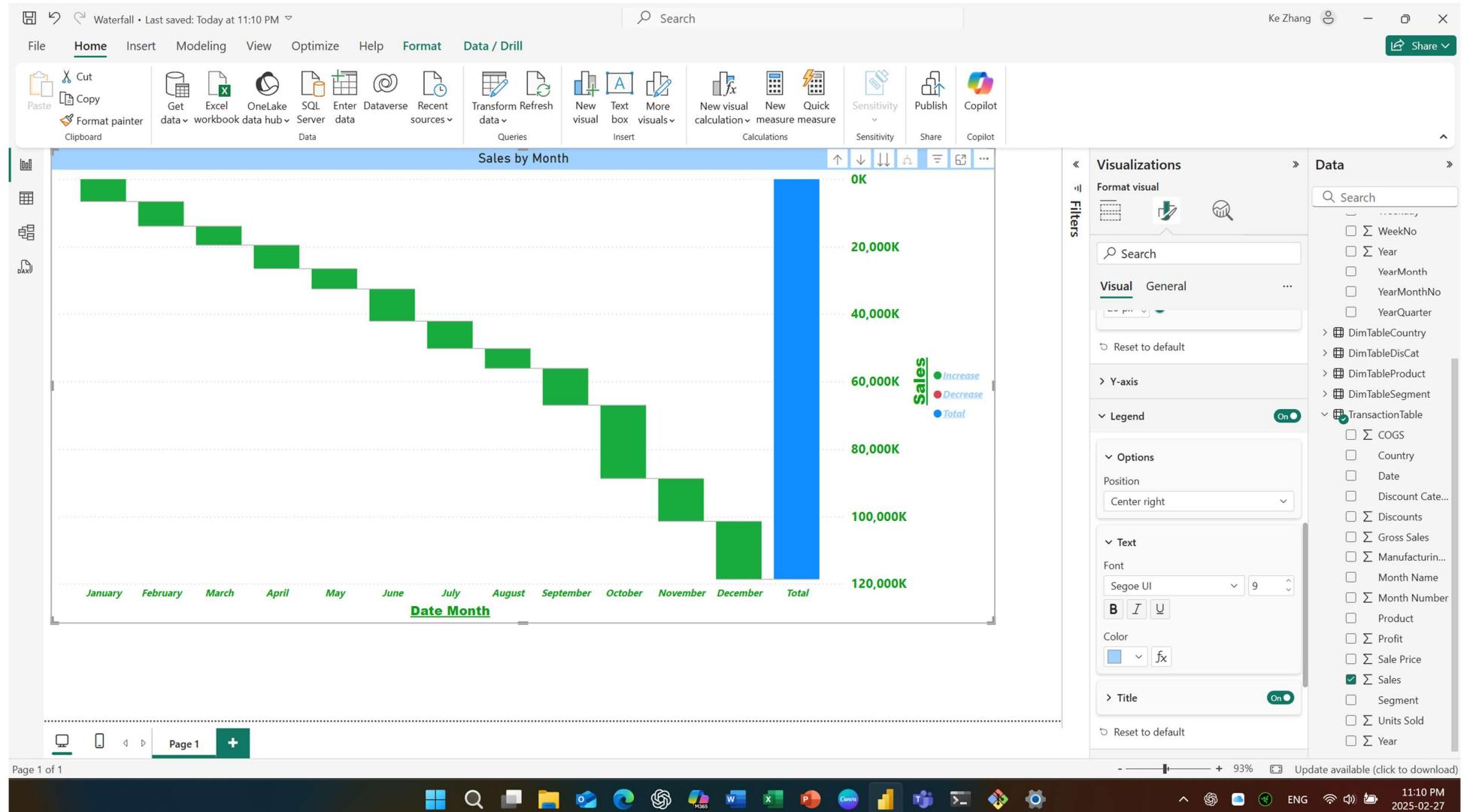
## 4.1 Waterfall Chart



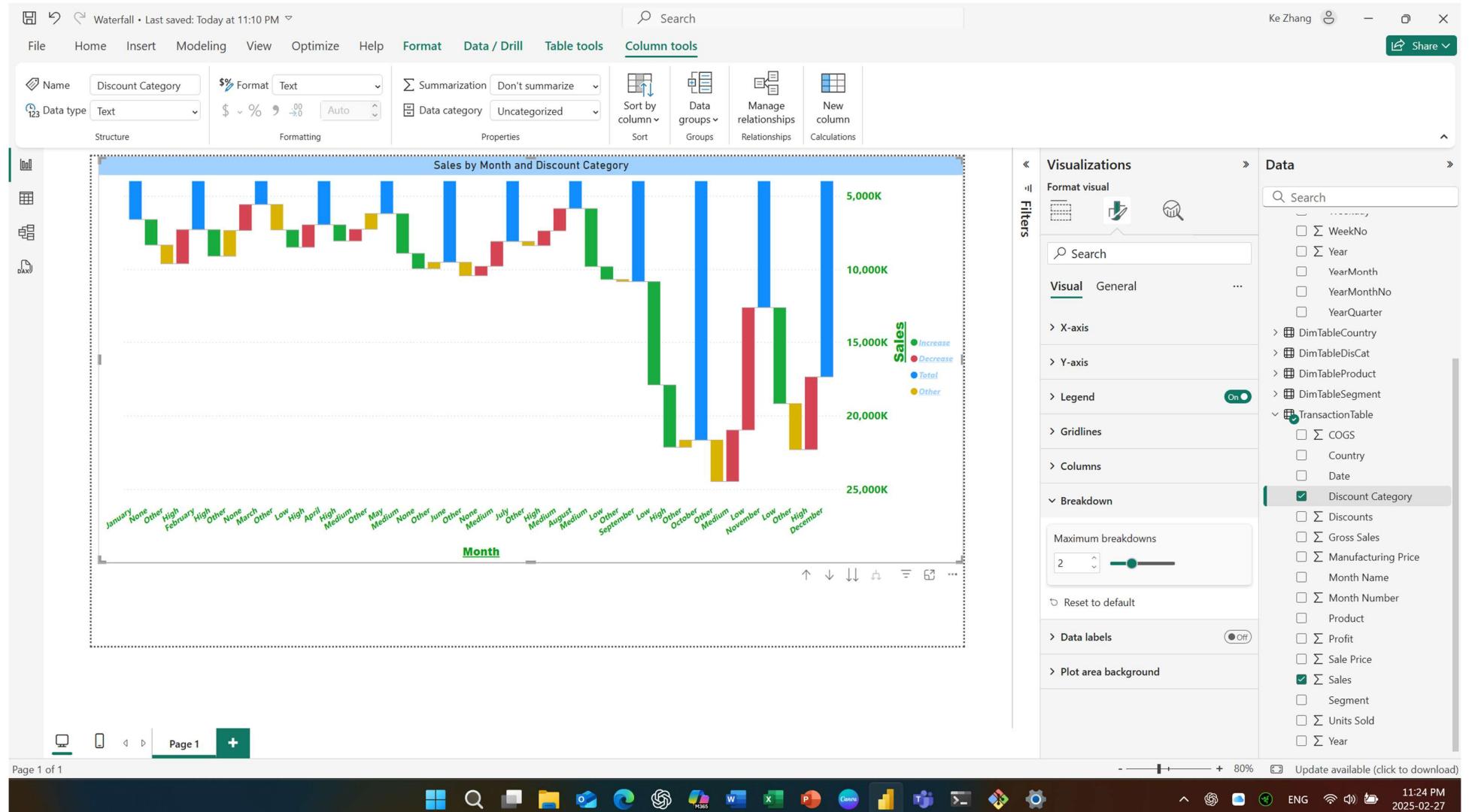
## 4.2 Format waterfall chart



#### 4.3 Format X-axis and legend

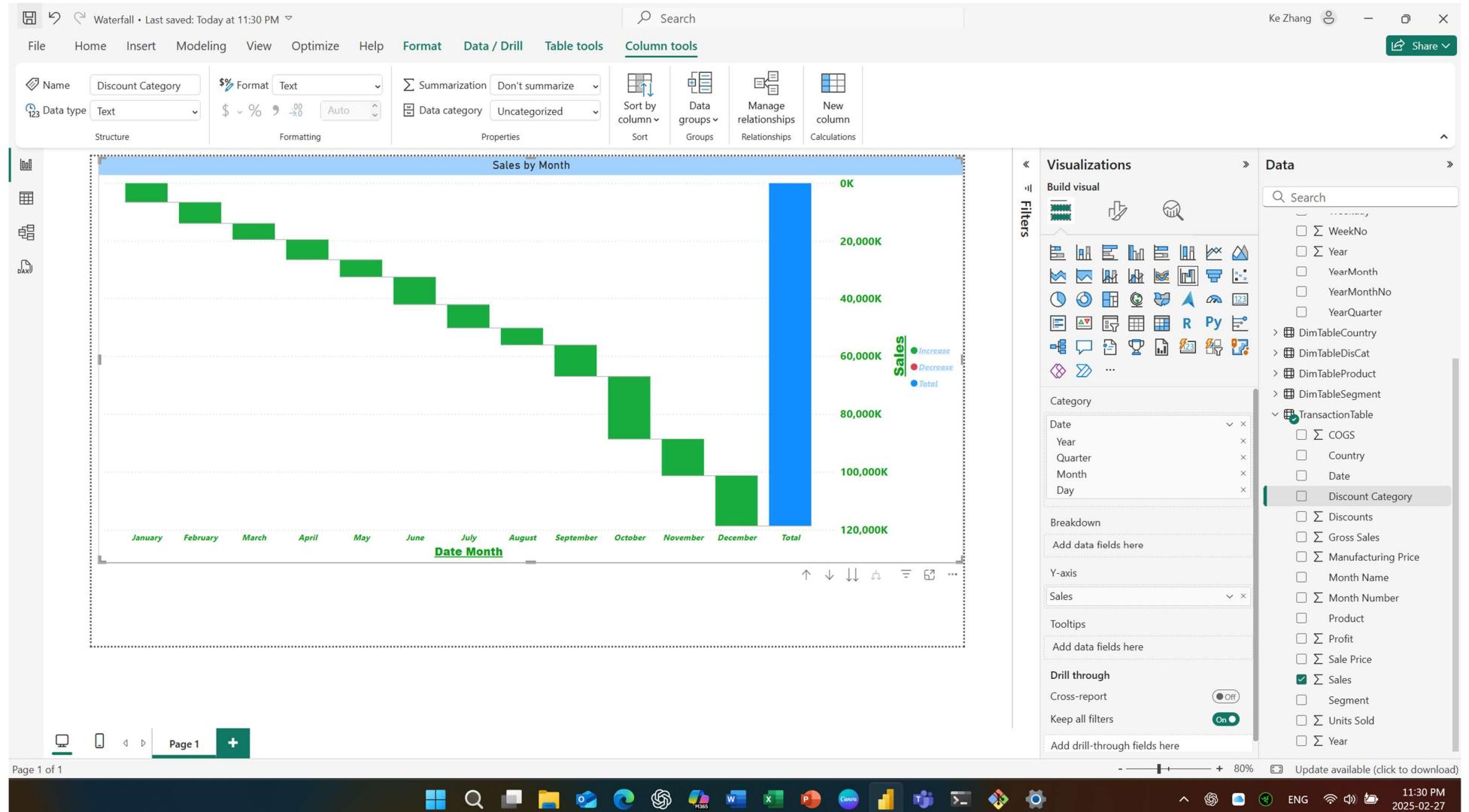


#### 4.4.1 add and format breakdowns



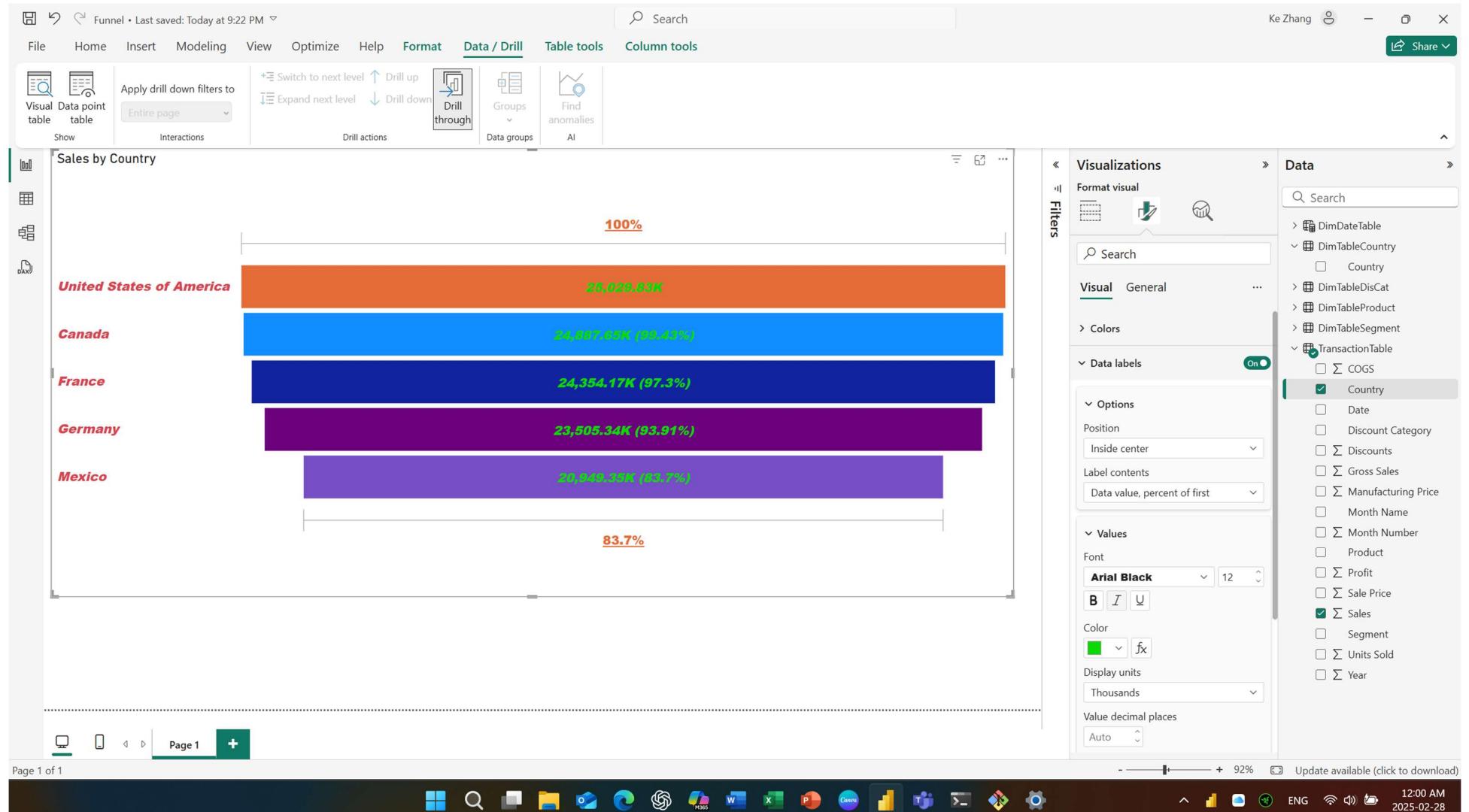
Question answer: When set the maximum breakdown to 1, there will be one column of highest sale discount category for each month, and another column remains all the other discount categories.

#### 4.4.2 remove breakdowns



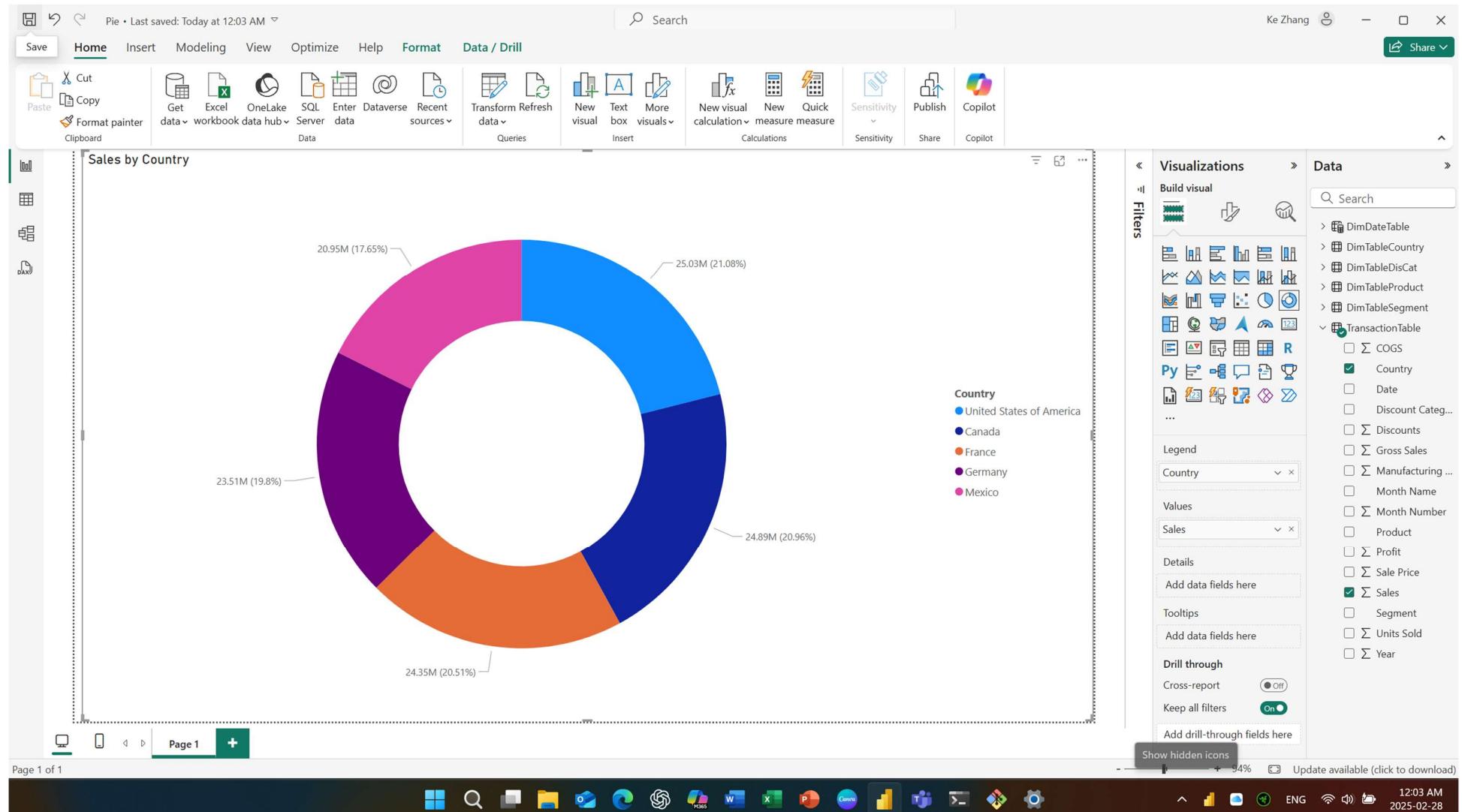
Question answer: After we add Discount categories to Breakdown, we can change the color of each category at the "Column" panel, and change the width of each category by changing the spacing between each column.

## 5 Create, format and Label Funnel Charts



Question answer: We can demonstrate each data's percentage by setting “Label contents” at “Data labels”.

## 6.1 Create donut chart



## 6.2 Format donut chart

Pie • Last saved: Today at 12:03 AM ▾ Ke Zhang

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Clipboard Paste

Get data Excel workbook Data hub OneLake SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box Insert New visual calculation New measure Quick measure Sensitivity Publish Copilot

Sales by Country

Germany 23.51M (19.8%)

Mexico 20.95M (17.65%)

France 24.35M (20.51%)

United States of America 25.03M (21.08%)

Canada 24.89M (20.96%)

Country ● United States of America ● Canada ● France ● Germany ● Mexico

Format visual

Visual General

Font: Comic Sans MS Size: 8

Color

Background: Auto

Display units: Auto

Value decimal places: Auto

Percentage decimal places: Auto

Rotation: 85°

Visualizations Data

Search

DimDateTable DimTableCountry DimTableDisCat DimTableProduct DimTableSegment TransactionTable

- Σ COGS
- Country
- Date
- Discount Categ...
- Discounts
- Σ Gross Sales
- Manufacturing ...
- Month Name
- Σ Month Number
- Product
- Σ Profit
- Sale Price
- Σ Sales
- Segment
- Σ Units Sold
- Σ Year

Page 1 of 1 93% Update available (click to download) 12:09 AM 2025-02-28

## 7.1 Create treemap chart

The screenshot shows the Microsoft Power BI desktop interface. The main area displays a treemap chart titled "Sales by Country". The chart consists of six colored rectangular tiles representing different countries: United States of America (blue), France (orange), Mexico (pink), Canada (dark blue), Germany (purple), and a small unlabeled dark purple tile at the bottom center. The "United States of America" tile is the largest. The "Mexico" tile is the second largest. The "France" tile is the third largest. The "Canada" tile is the fourth largest. The "Germany" tile is the fifth largest. The small unlabeled dark purple tile is the sixth largest.

The ribbon menu at the top includes Save, Home, Insert, Modeling, View, Optimize, Help, Format, Data / Drill, and Share.

The "Data" pane on the right lists various data tables and fields:

- Build visual**: DimDateTable, DimTableCountry, DimTableDisCat, DimTableProduct, DimTableSegment, TransactionTable (selected).
  - TransactionTable:
    - $\Sigma$  COGS
    - Country
    - Date
    - Discount Categ...
    - Discounts
    - $\Sigma$  Gross Sales
    - Manufacturing ...
    - Month Name
    - Month Number
    - Product
    - Profit
    - $\Sigma$  Sale Price
    - $\Sigma$  Sales
    - Segment
    - $\Sigma$  Units Sold
    - $\Sigma$  Year
- Category**: Country
- Details**: Add data fields here
- Values**: Sales
- Toolips**: Add data fields here
- Drill through**: Cross-report (Off), Keep all filters (On), Add drill-through fields here

The status bar at the bottom shows "Page 1 of 1", "94%", "Update available (click to download)", and the system tray with icons for file, search, file explorer, OneDrive, OneNote, Word, Excel, Power BI, Teams, and settings, along with the date and time "2025-02-28 12:10 AM".

## 7.2 Format a treemap chart

