Ministry of Tourism and Environment
Republic of Maldives

Power BI step by step solutions for Exercise

CBIT Maldives
Capacity Building for Improved Transparency of Climate Change Mitigation and Adaptation Actions in the Maldives Project

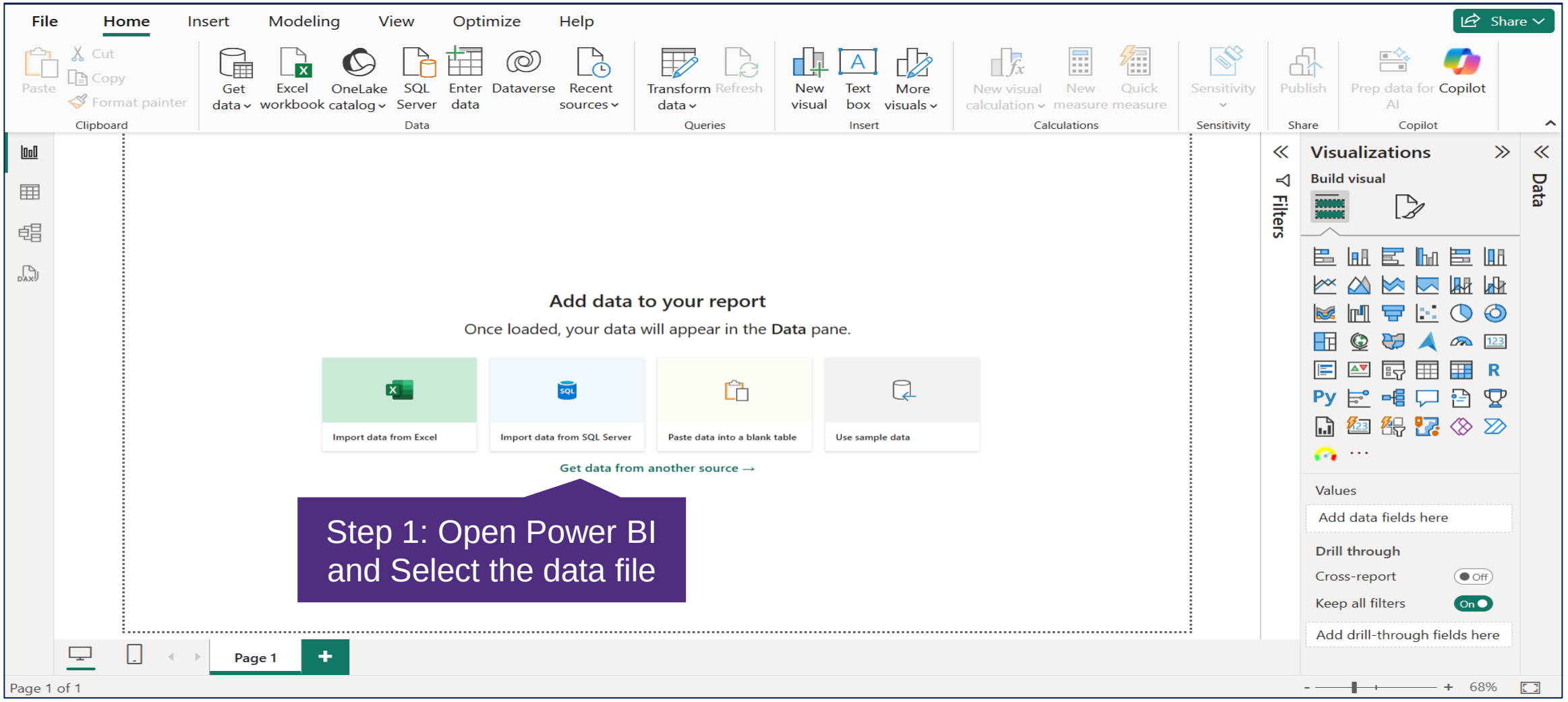
Power BI Step-by-step solution guide

Ministry of Tourism and Environment
Republic of Maldives

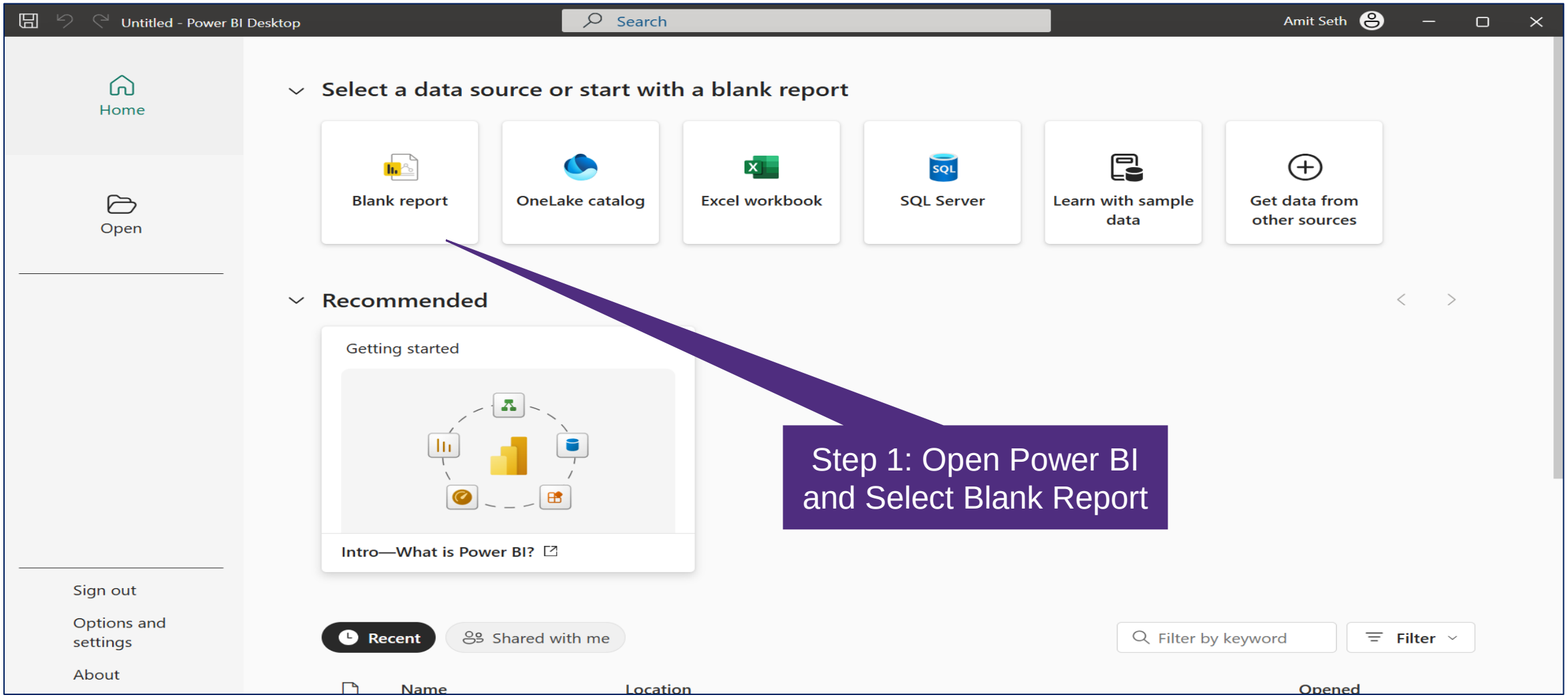
CBIT Maldives
Capacity Building for Improved Transparency of Climate Change Mitigation and Adaptation Actions in the Maldives Project

gef global environment facility INVESTING IN OUR PLANET
UN environment
Grant Thornton
RIYAN PRIVATE LIMITED

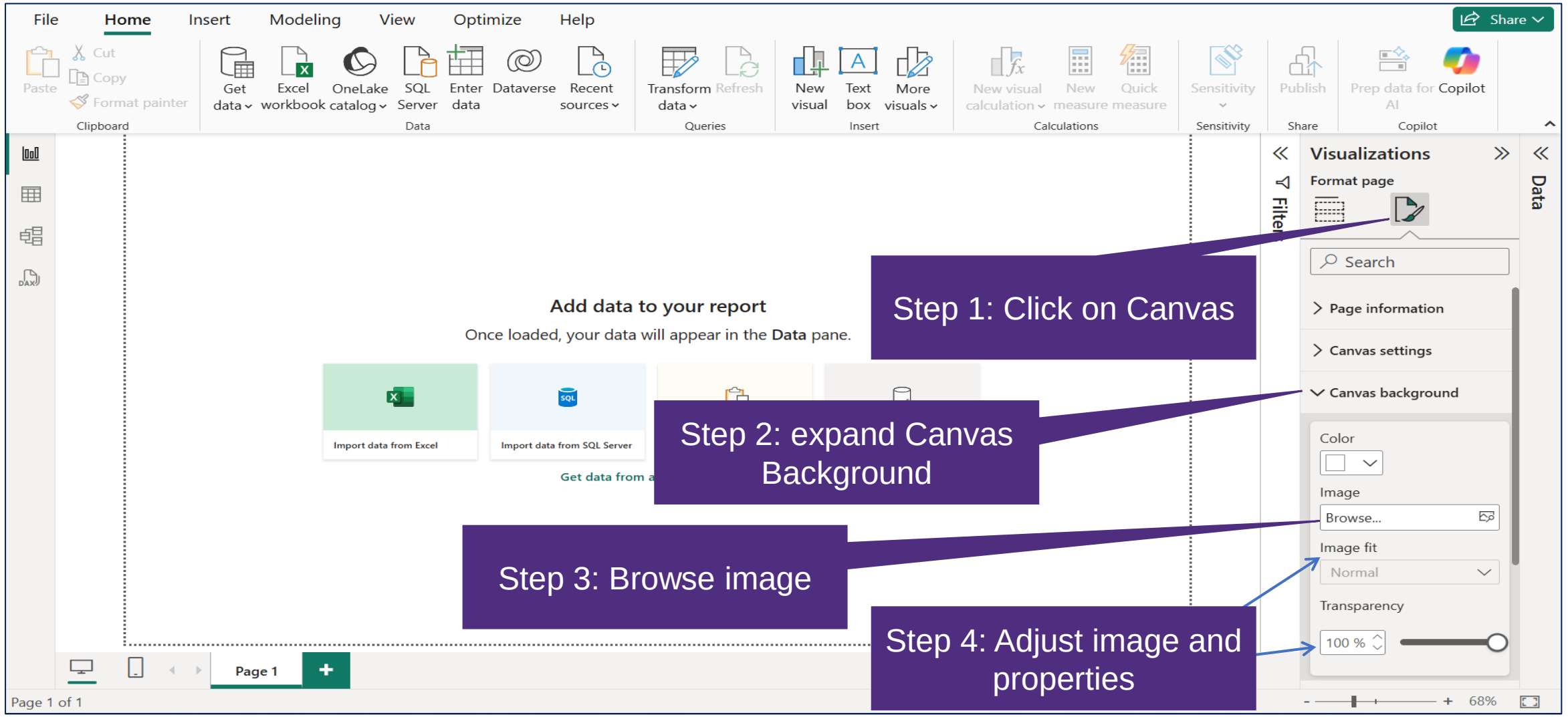
Starting Power BI



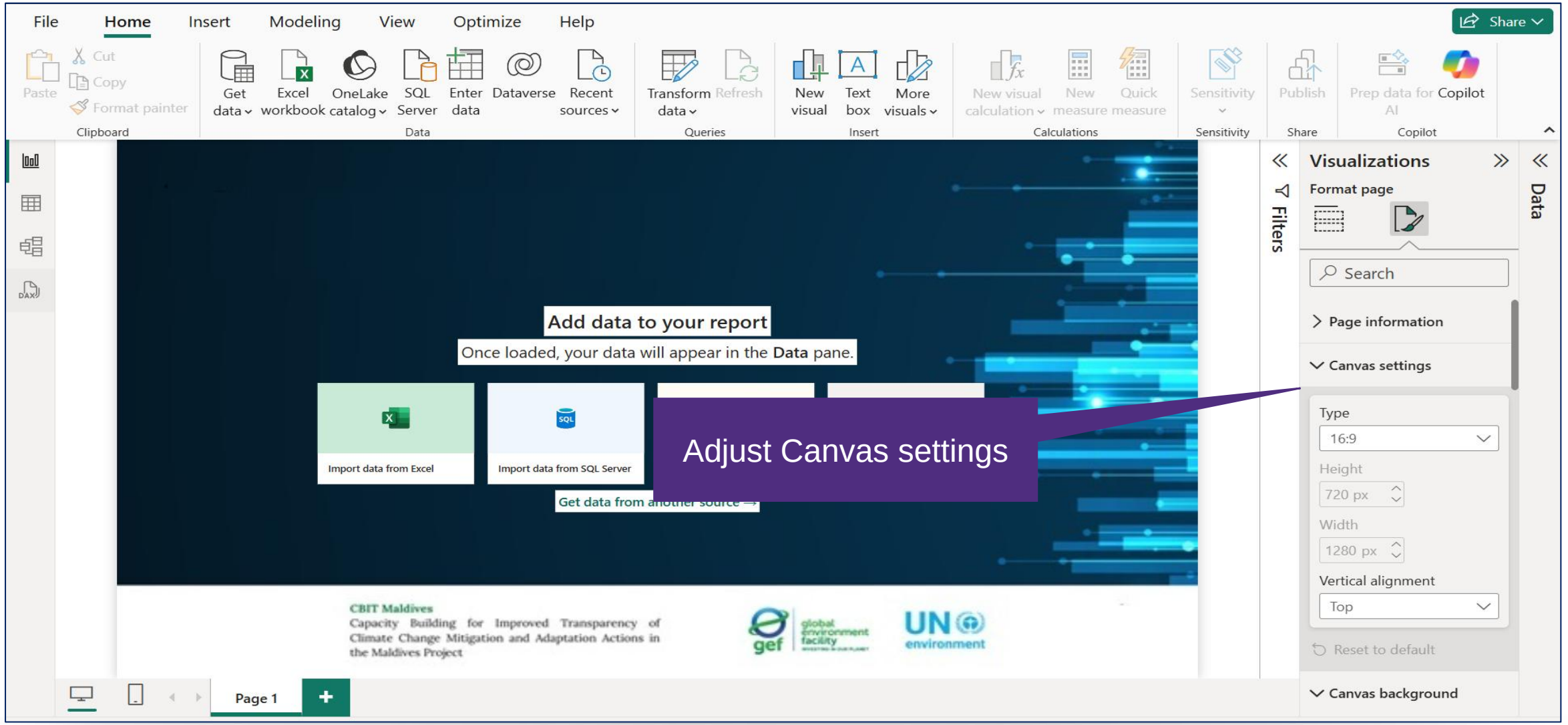
Opening Power BI window



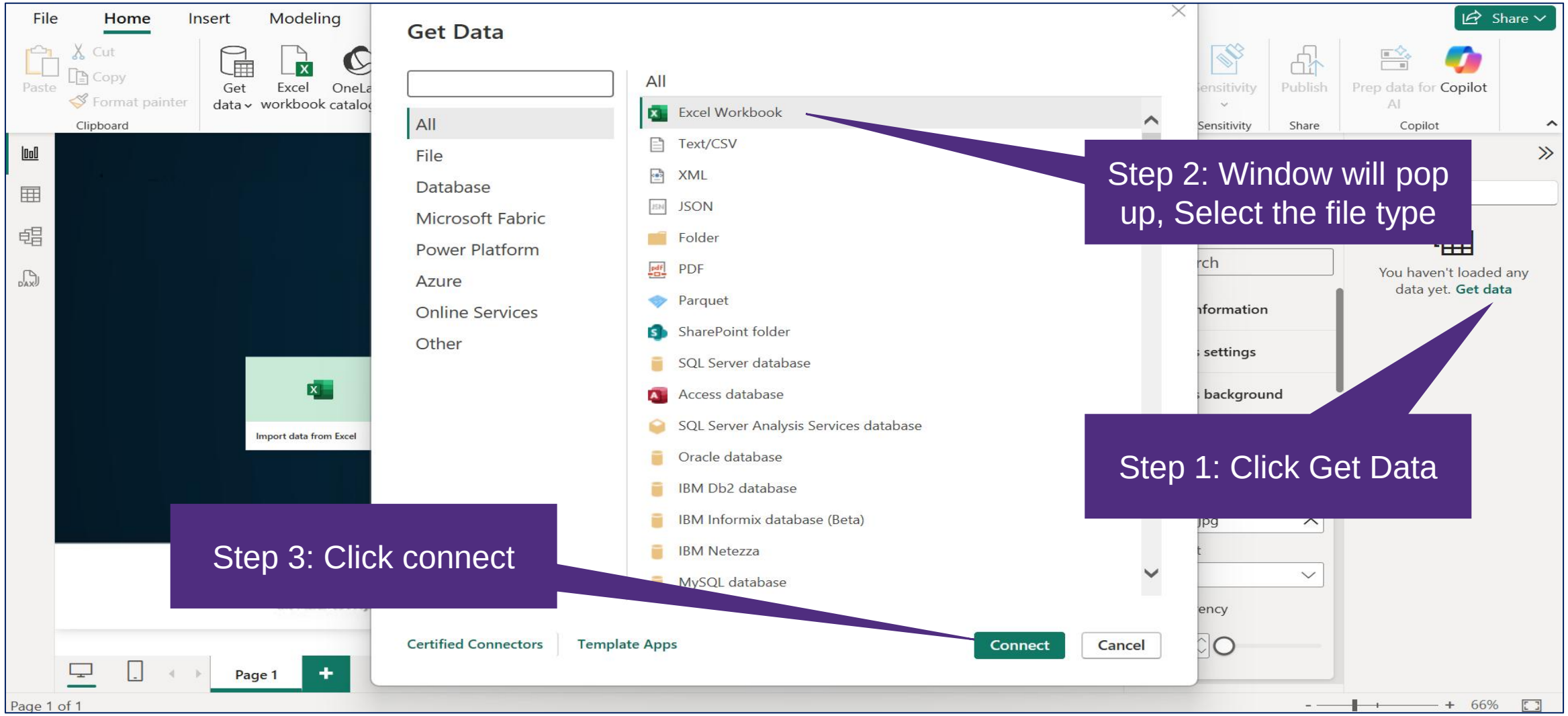
Adding Background Image to Canvas



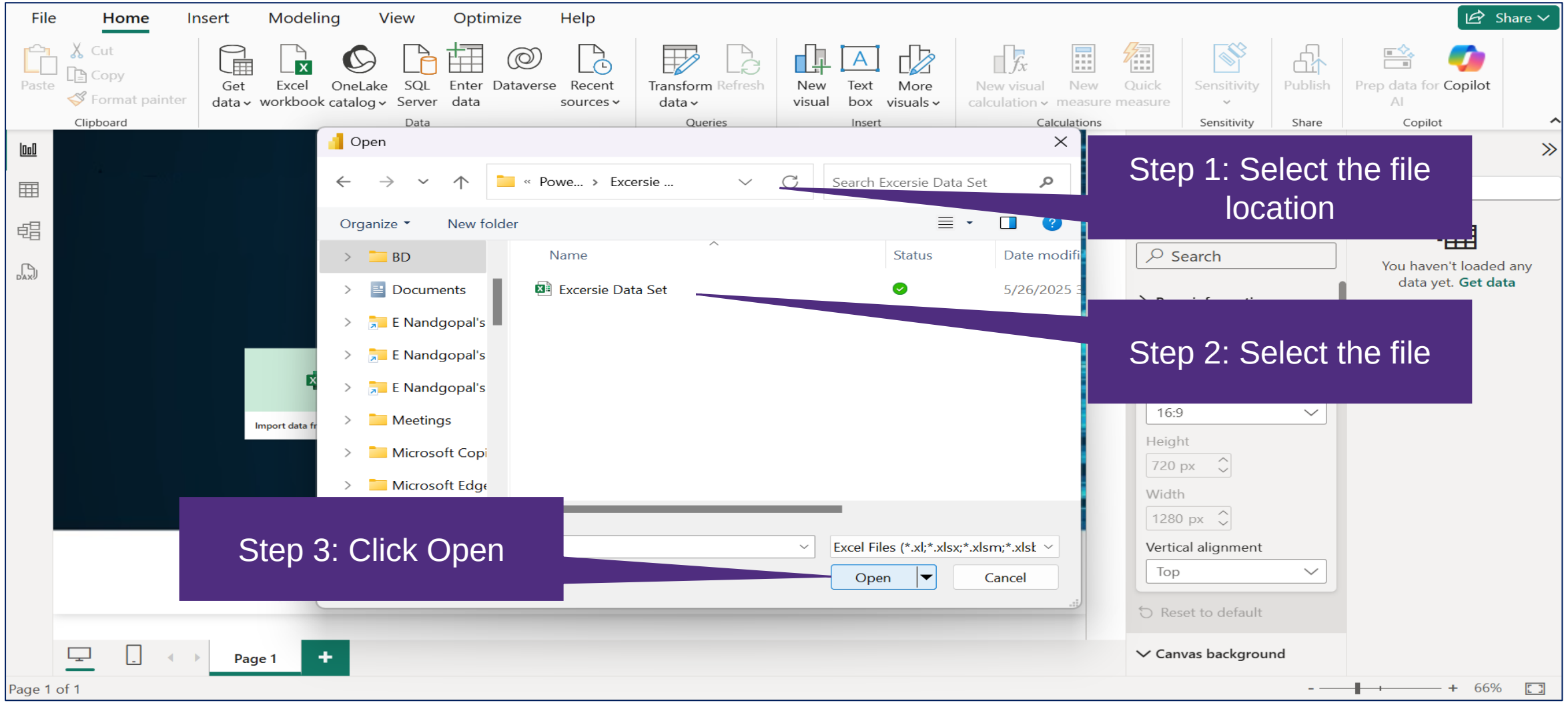
Adding Background Image to Canvas



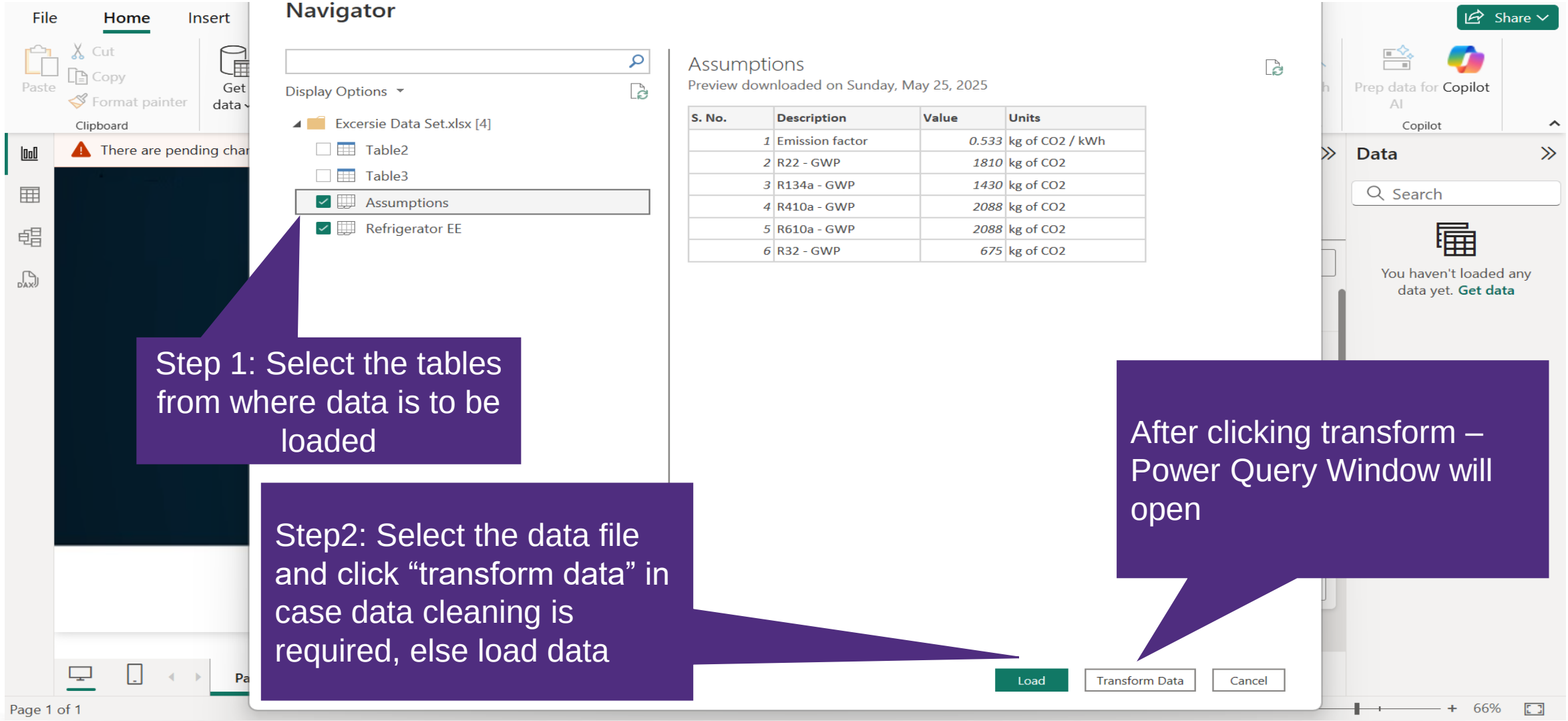
Importing Data to Power BI



Importing Data to Power BI



Importing Data to Power BI

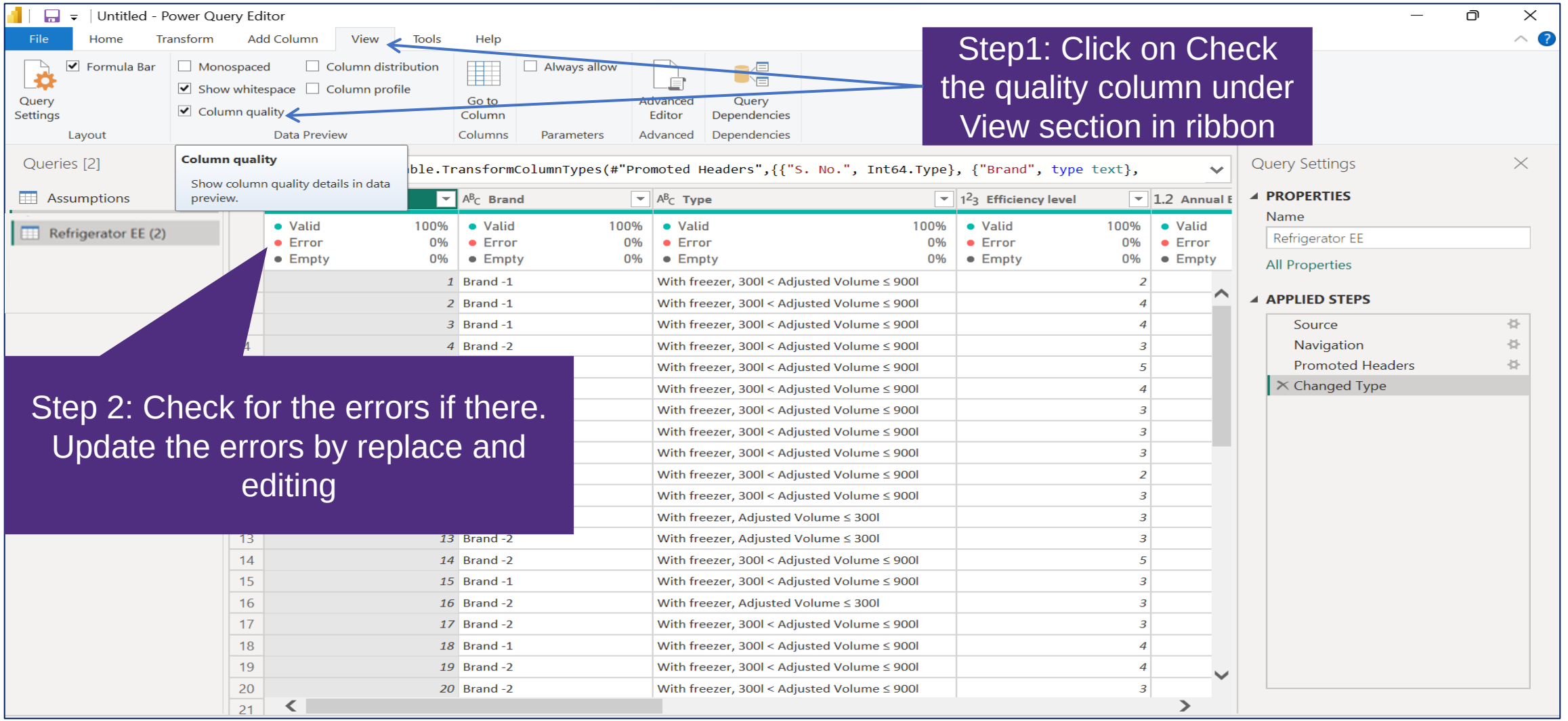


Step 1: Select the tables from where data is to be loaded

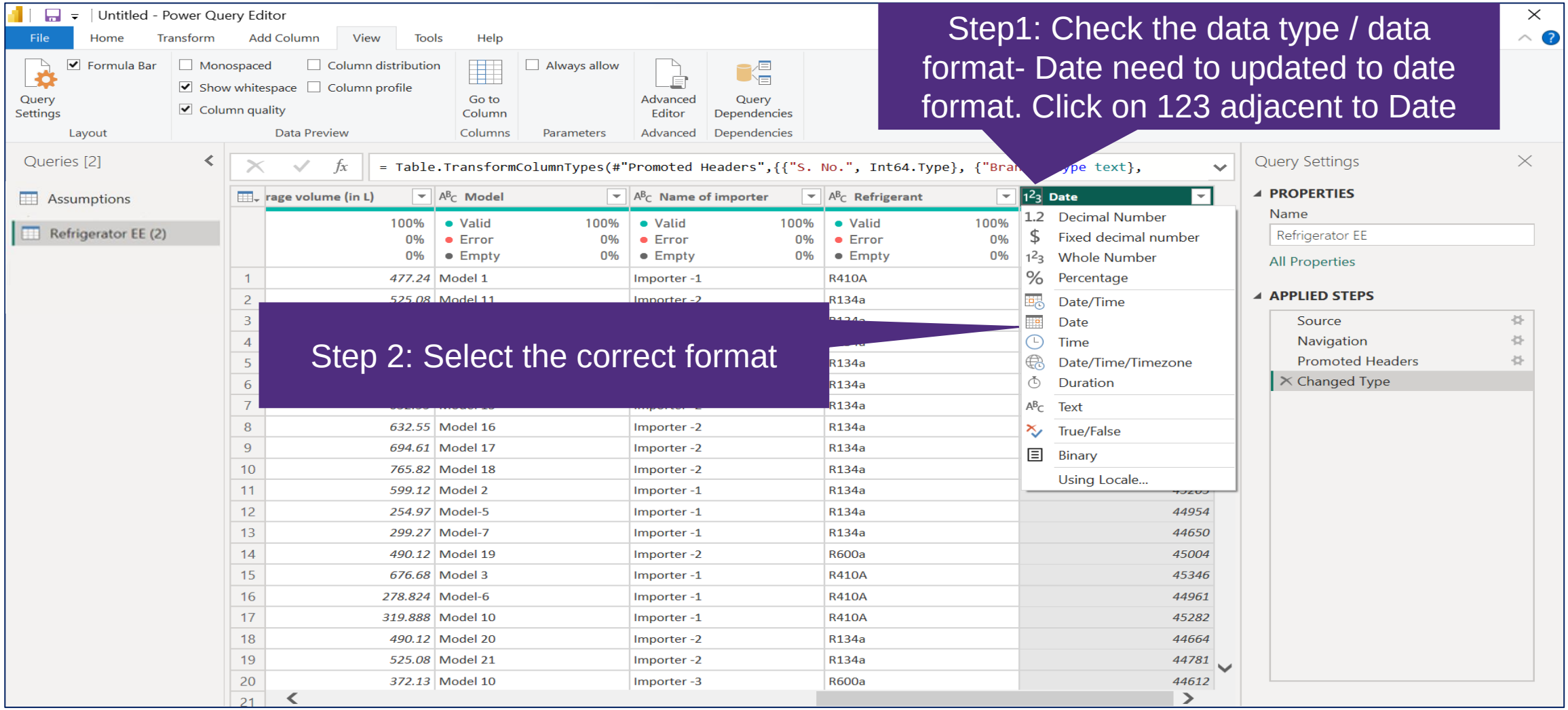
Step2: Select the data file and click “transform data” in case data cleaning is required, else load data

After clicking transform – Power Query Window will open

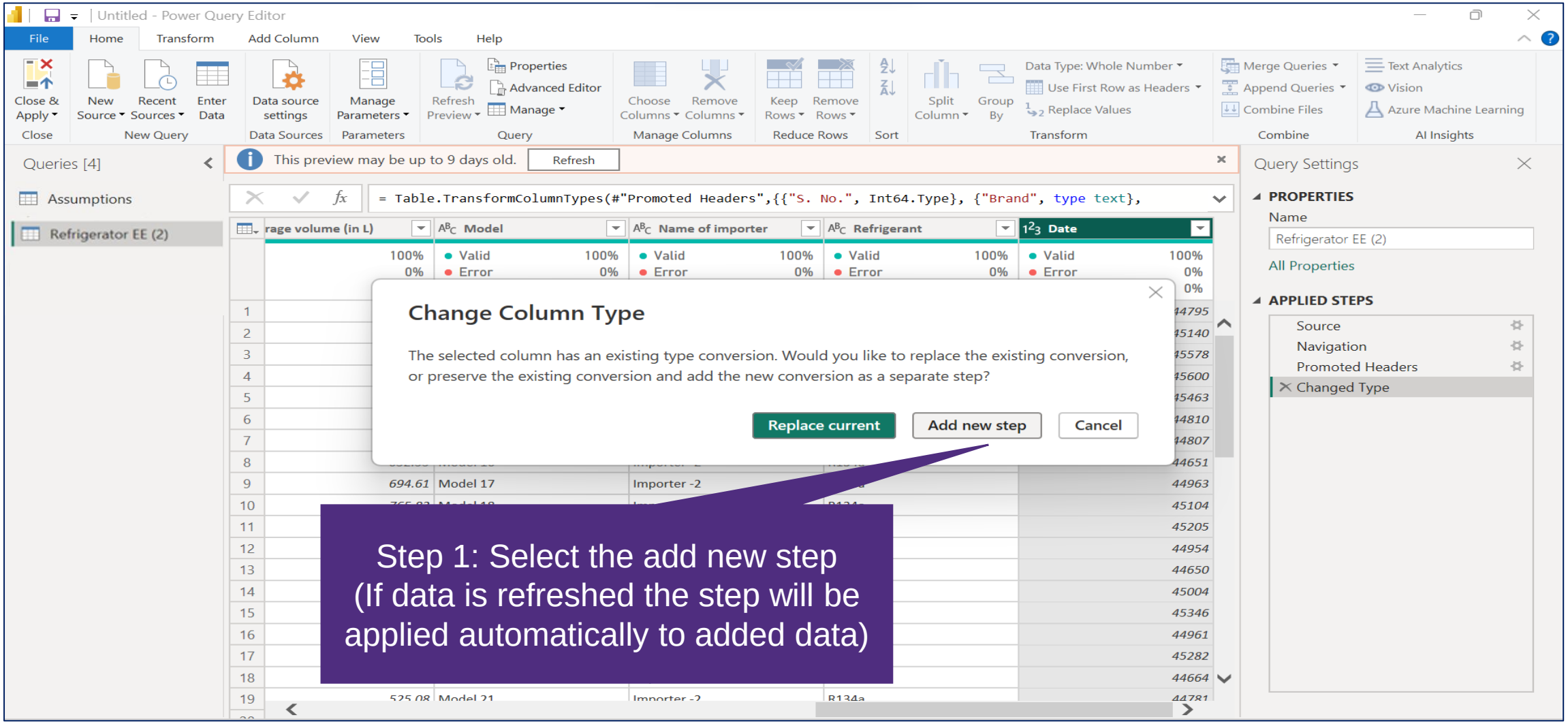
Transform Data to Power BI – Power Query



Transform Data to Power BI – Power Query

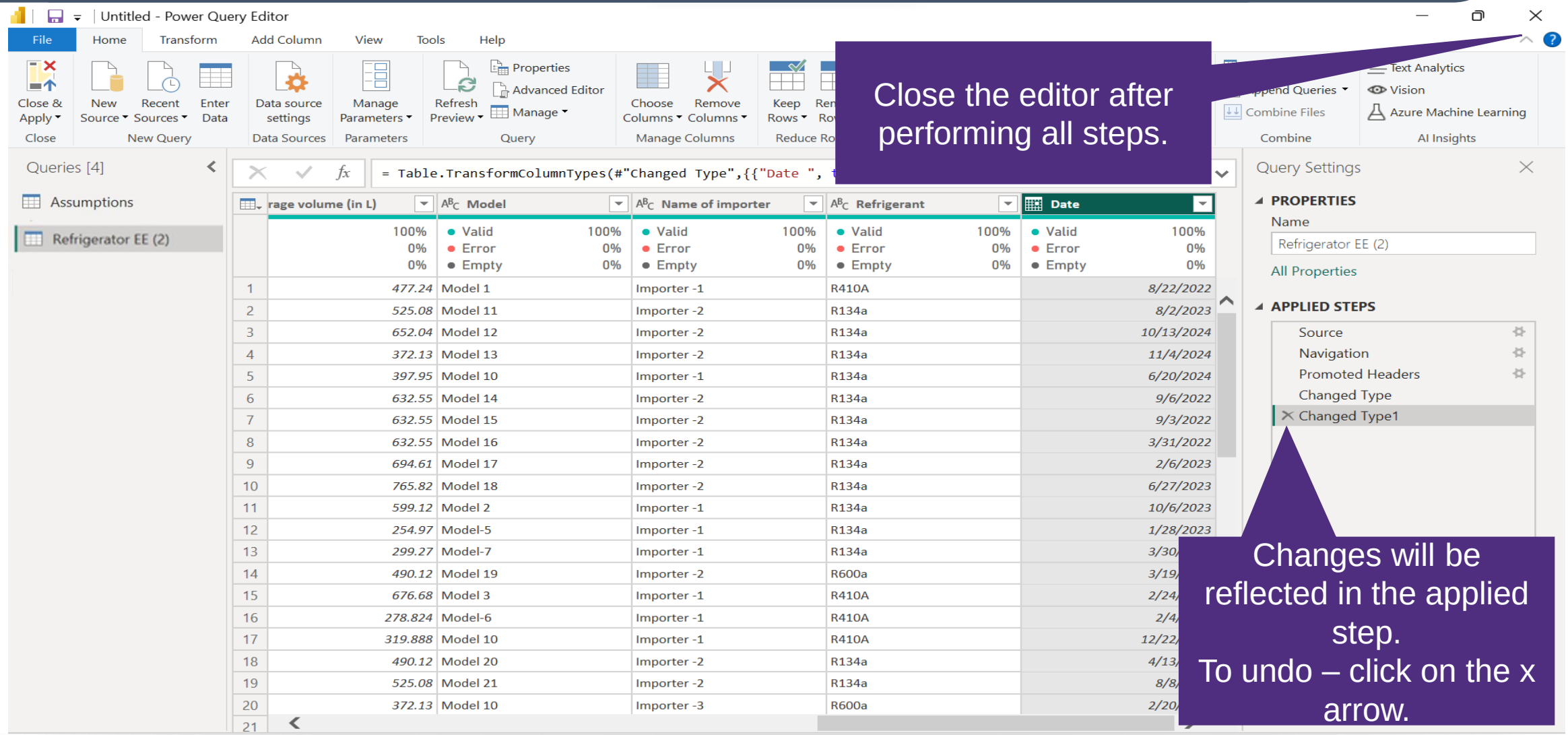


Transform Data to Power BI – Power Query

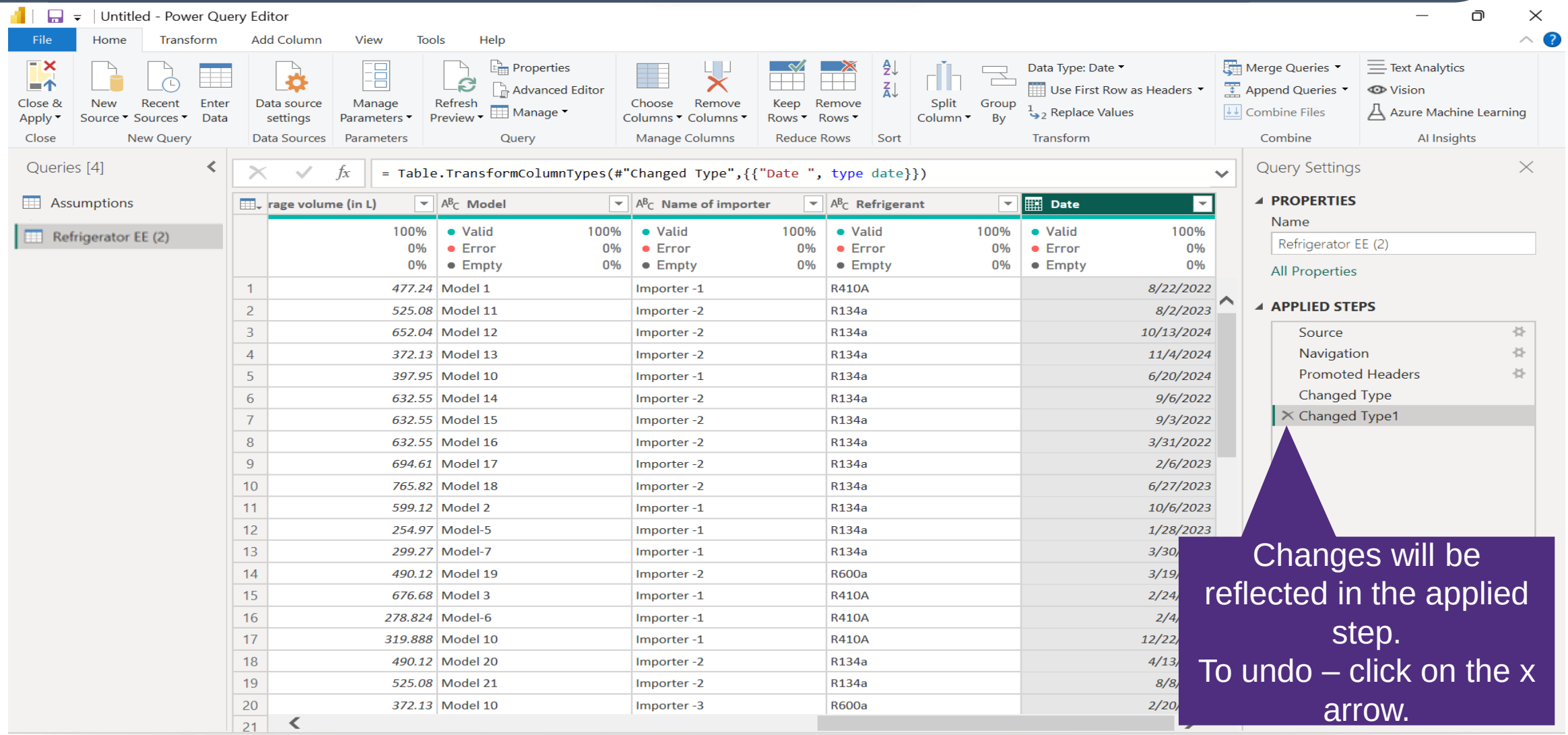


Step 1: Select the add new step
(If data is refreshed the step will be applied automatically to added data)

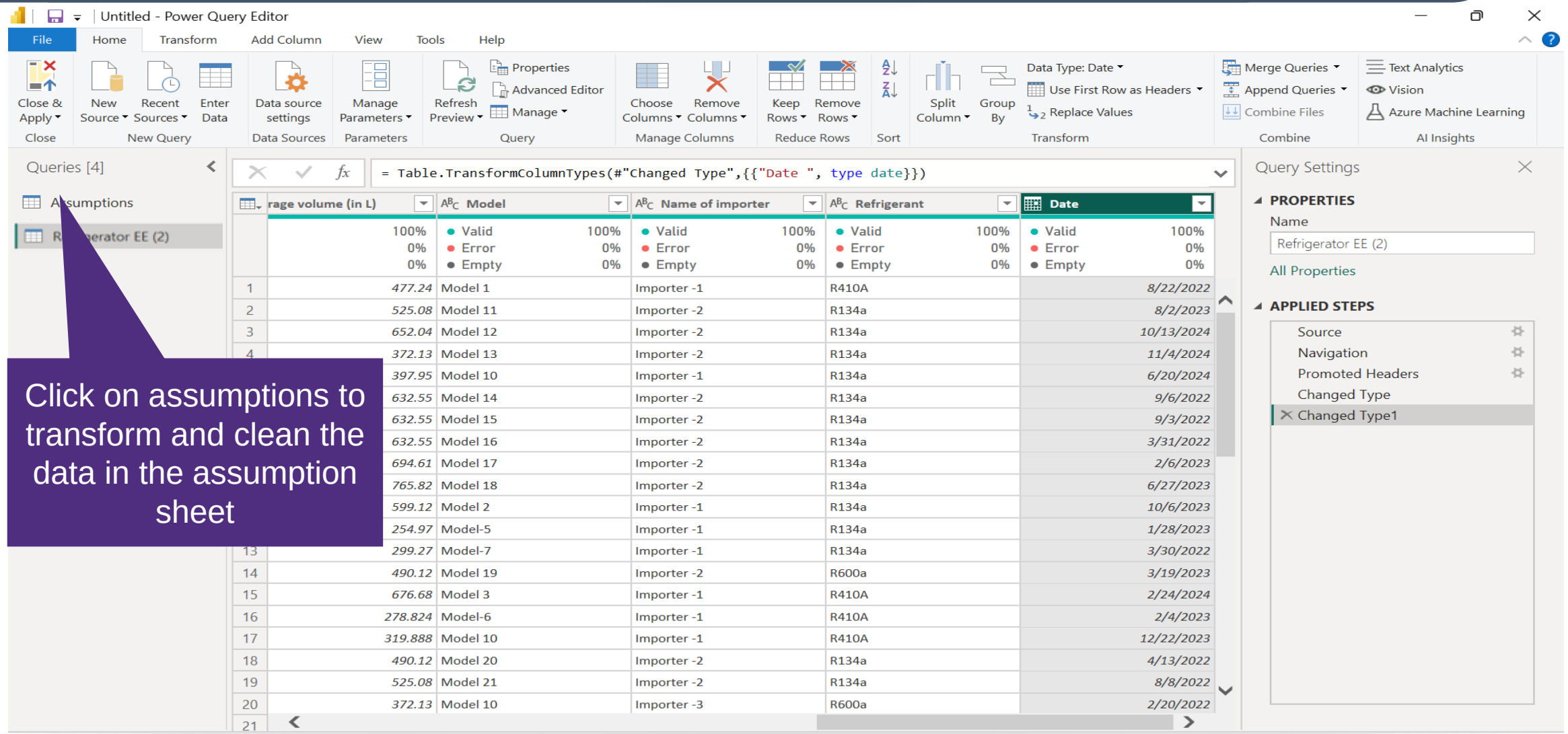
Transform Data to Power BI – Power Query



Transform Data to Power BI

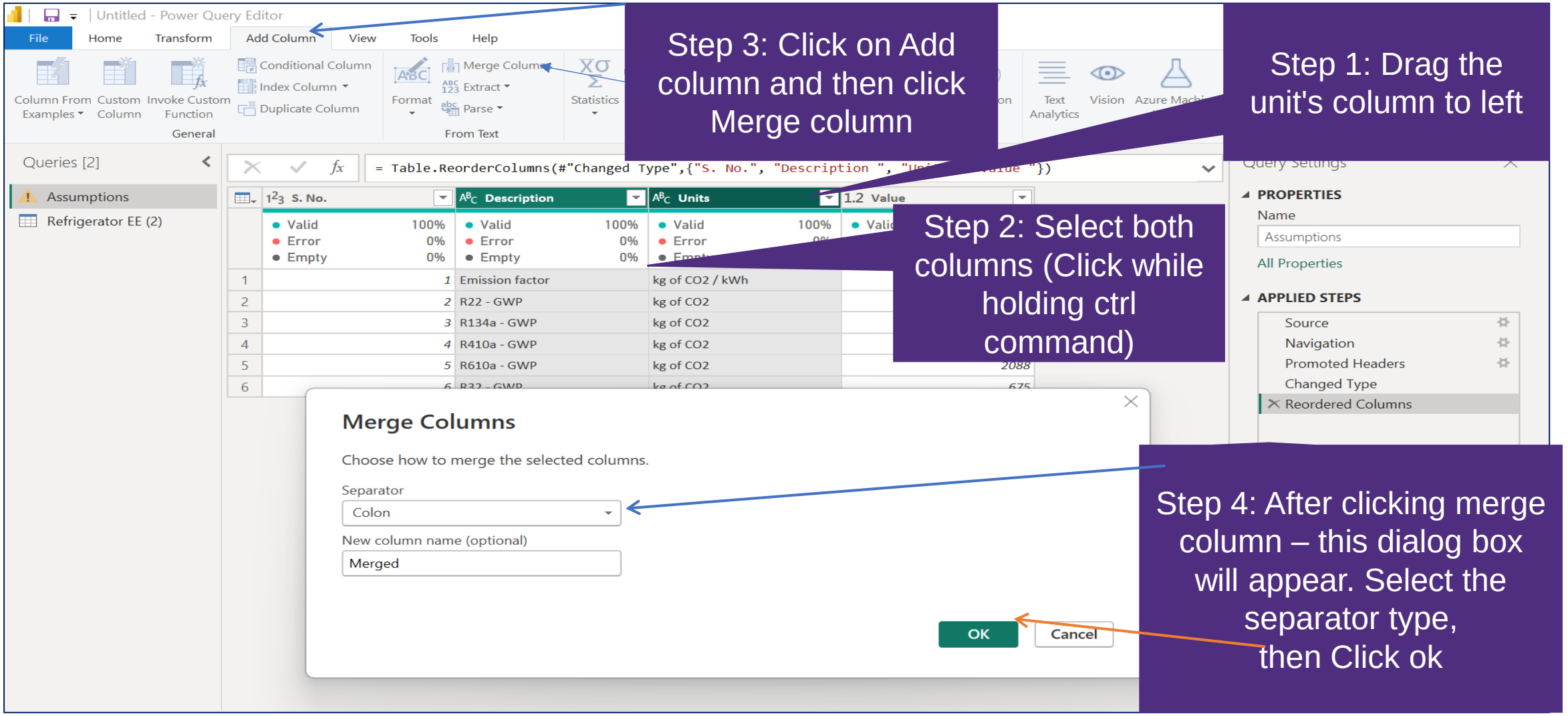


Transform Data to Power BI

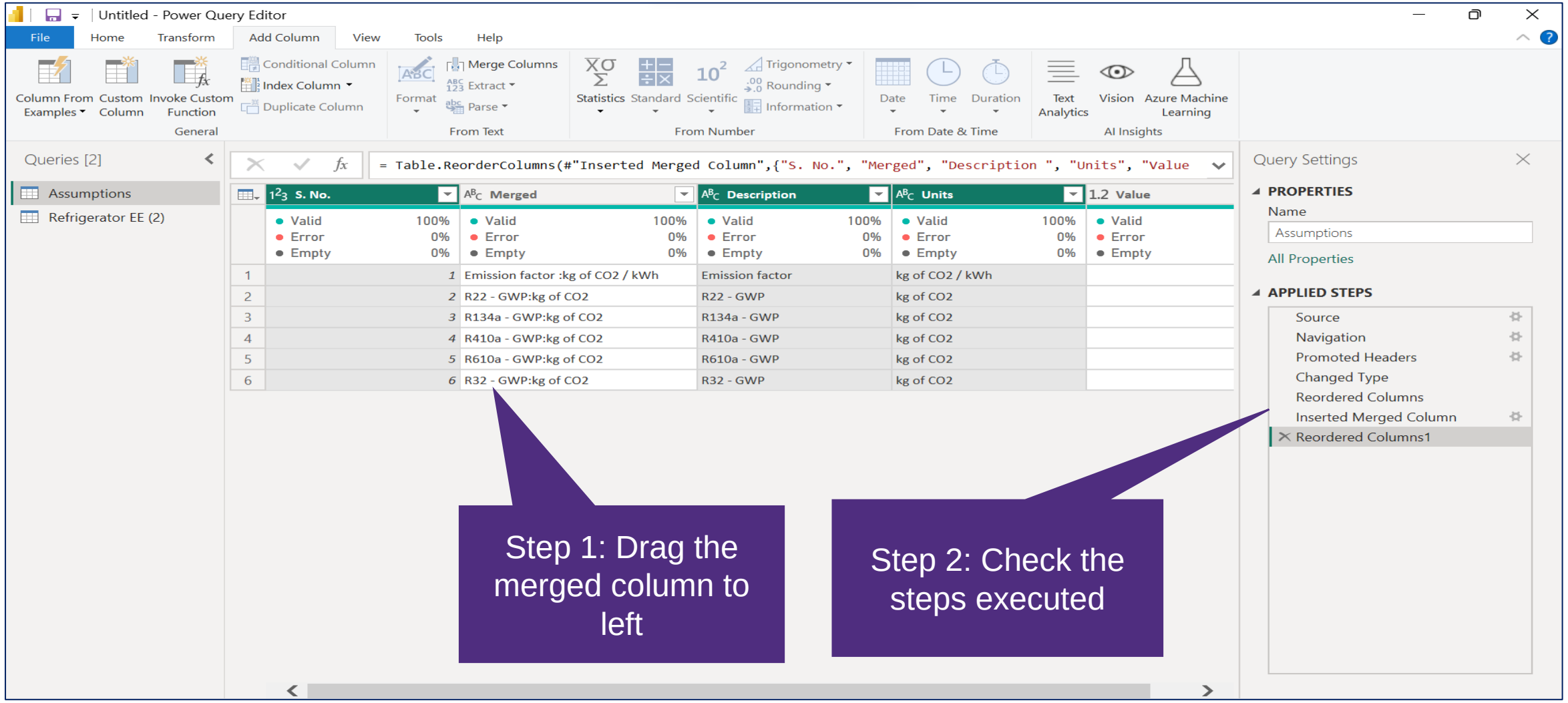


Click on assumptions to transform and clean the data in the assumption sheet

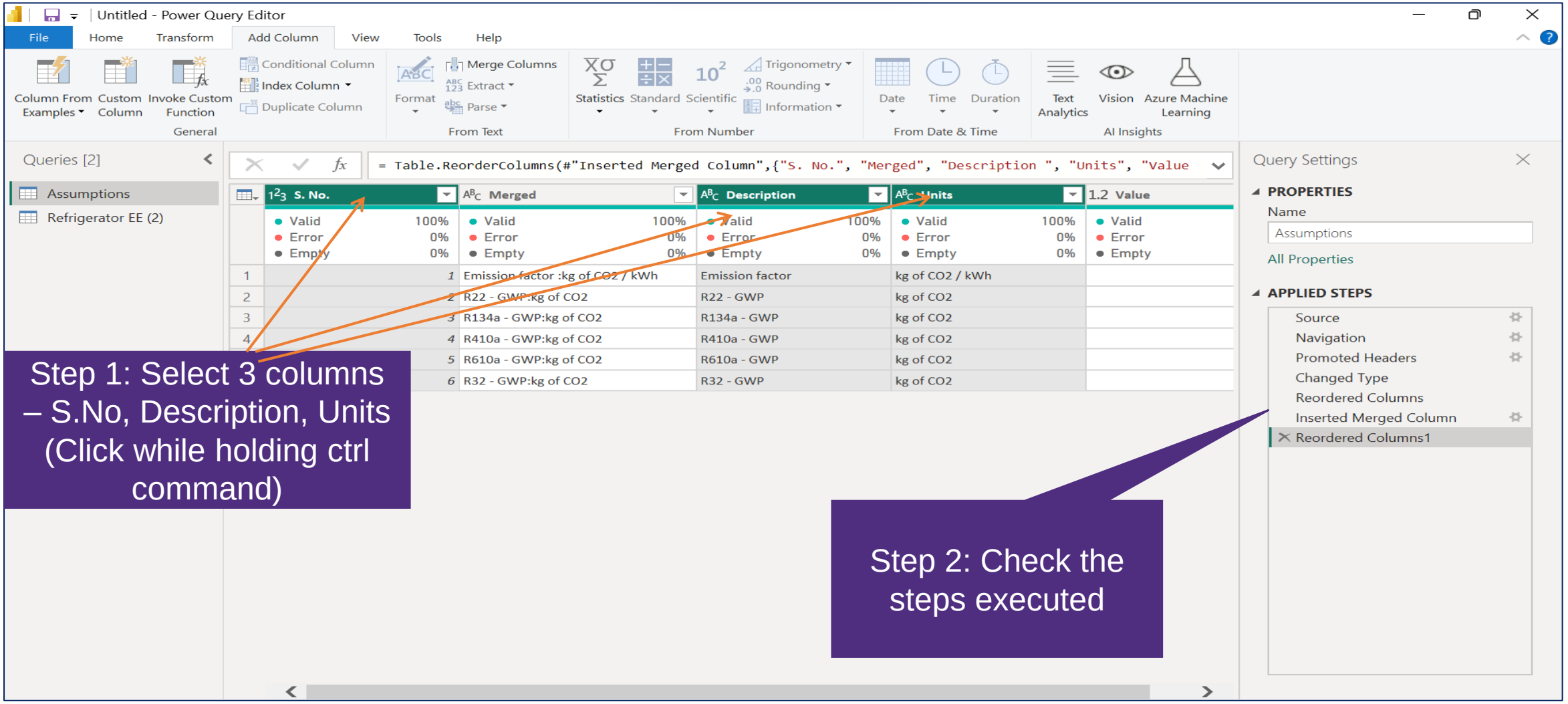
Transform Data to Power BI



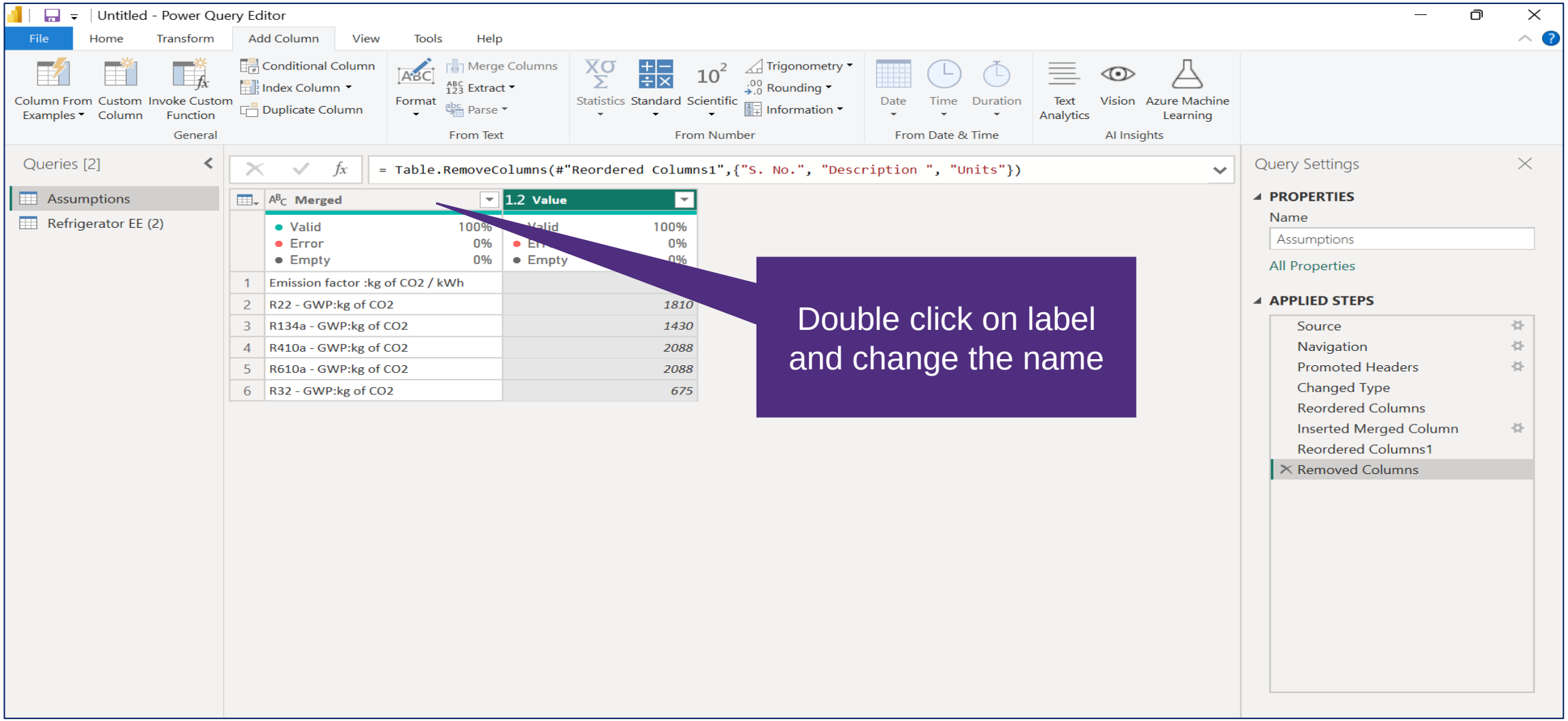
Transform Data to Power BI



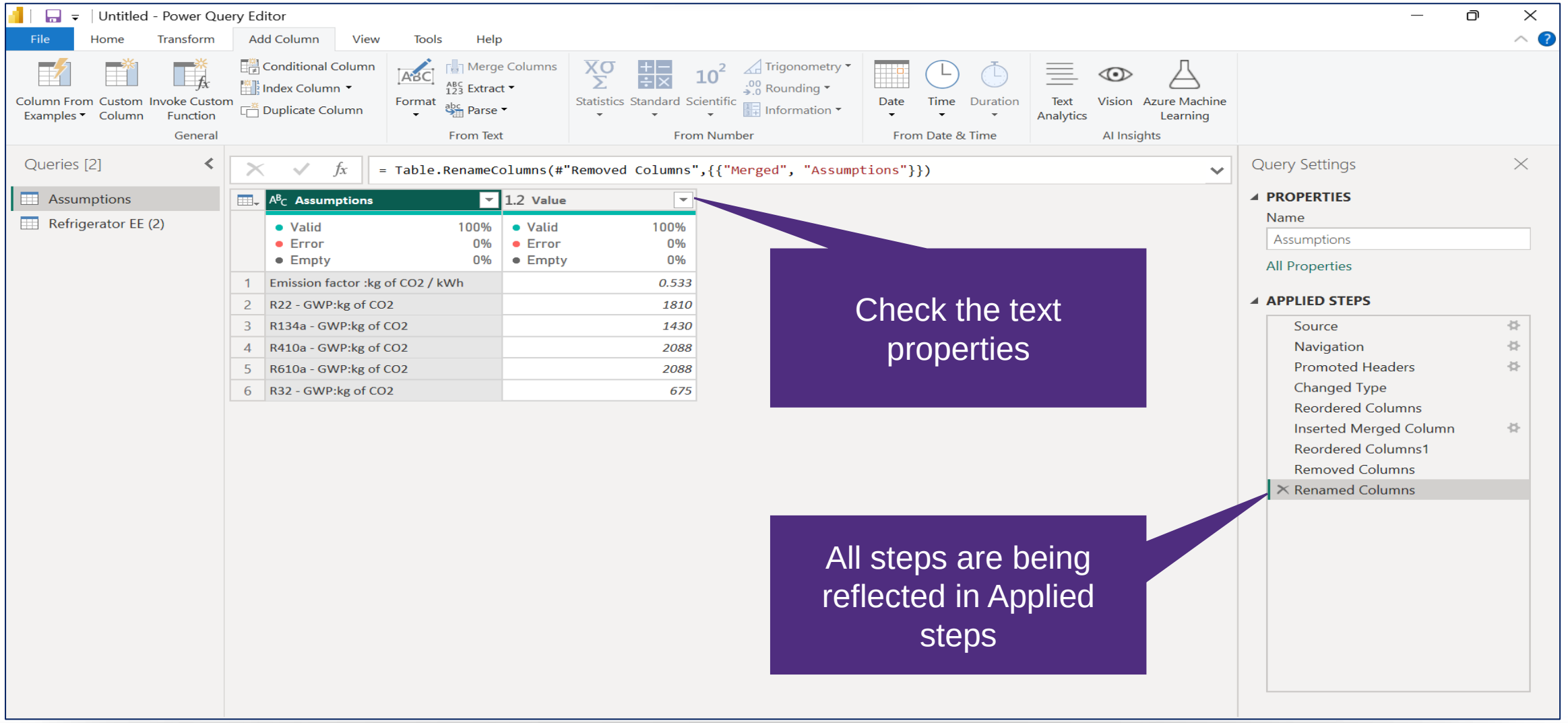
Transform Data to Power BI



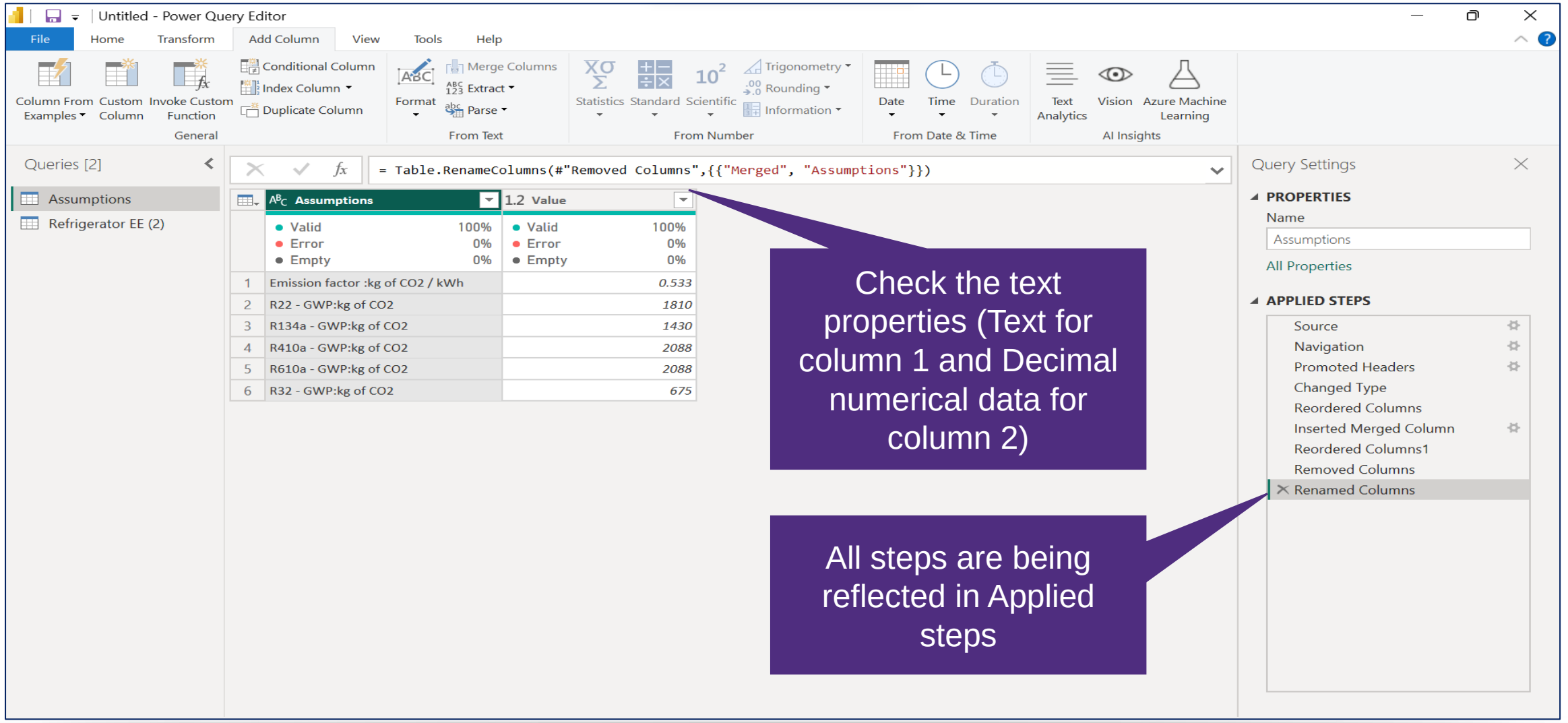
Transform Data to Power BI – Power Query



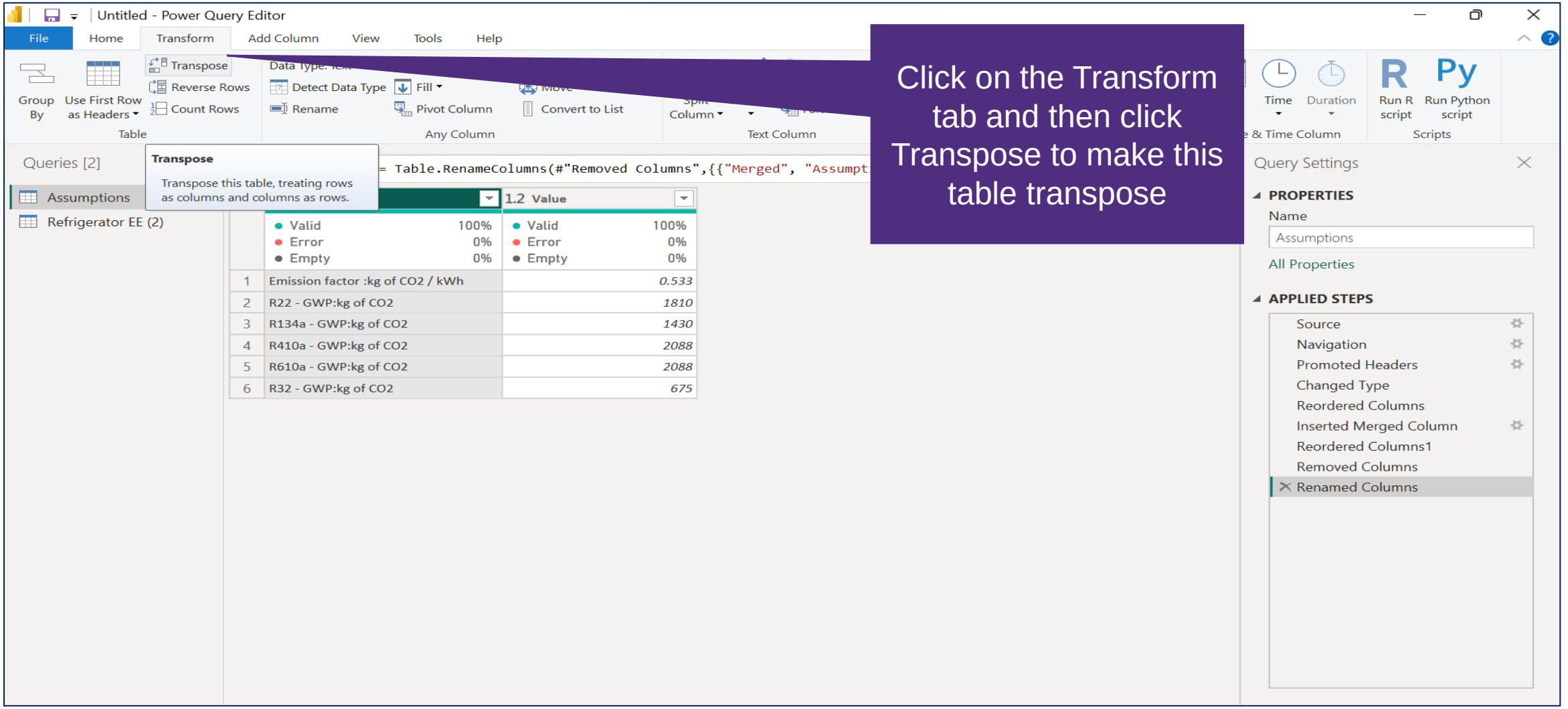
Transform Data to Power BI – Power Query



Transform Data to Power BI – Power Query

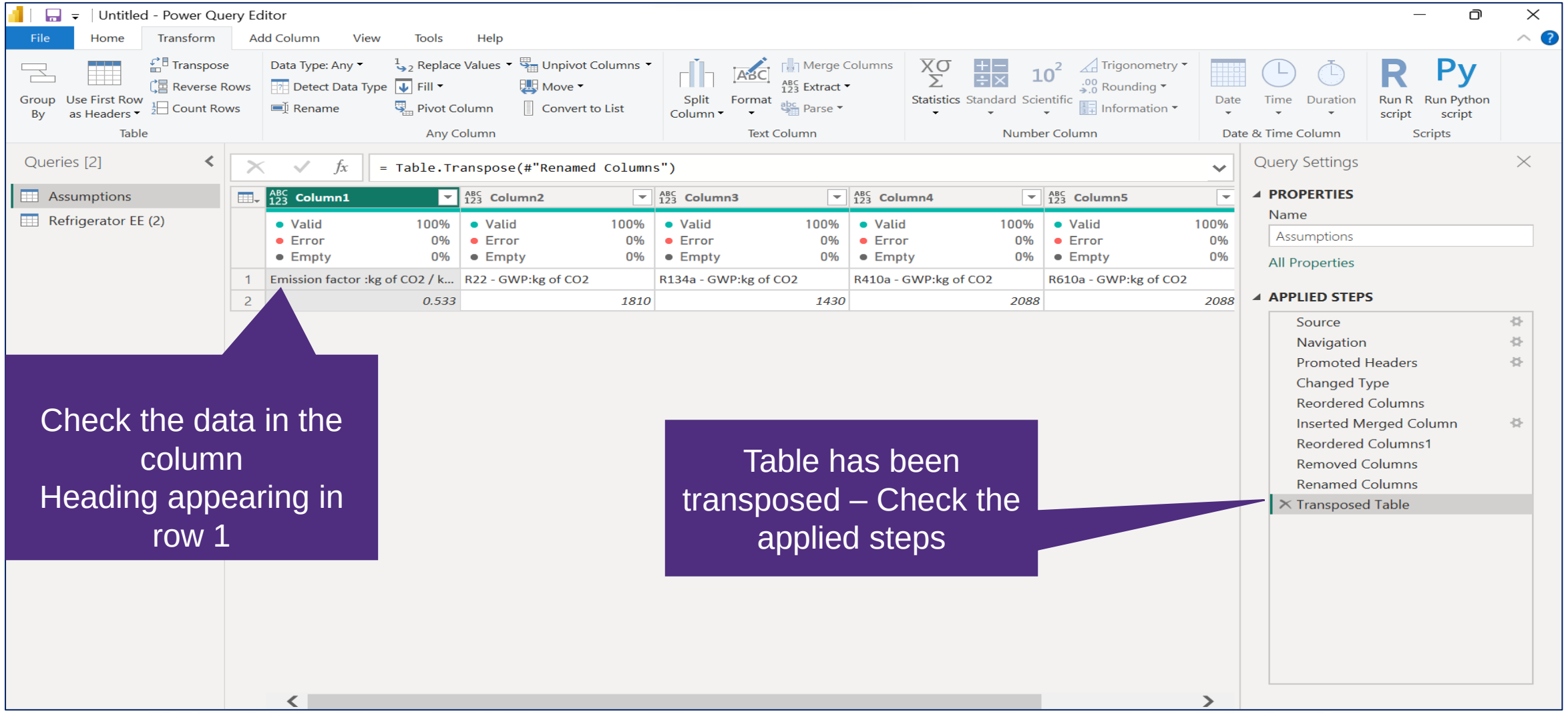


Transform Data to Power BI – Power Query

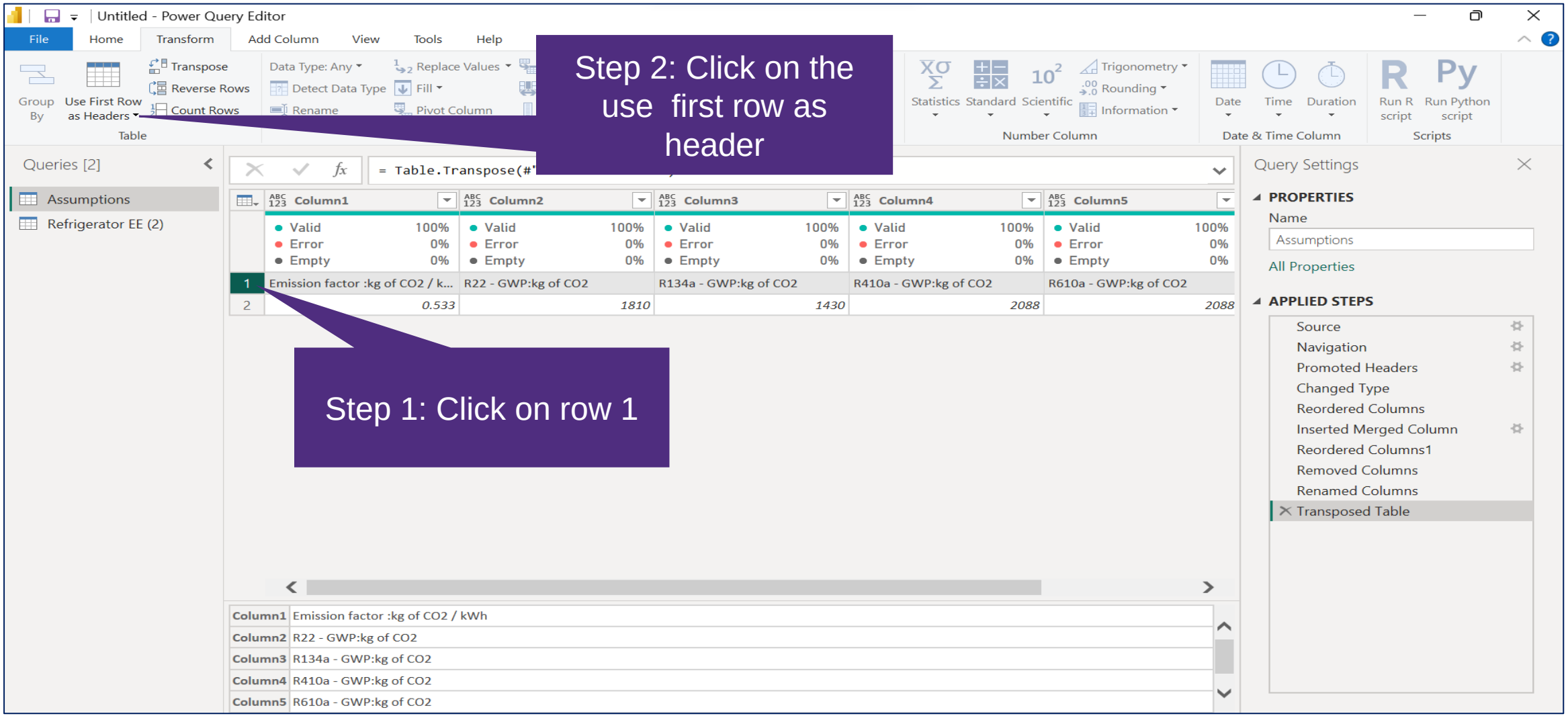


Click on the Transform tab and then click Transpose to make this table transpose

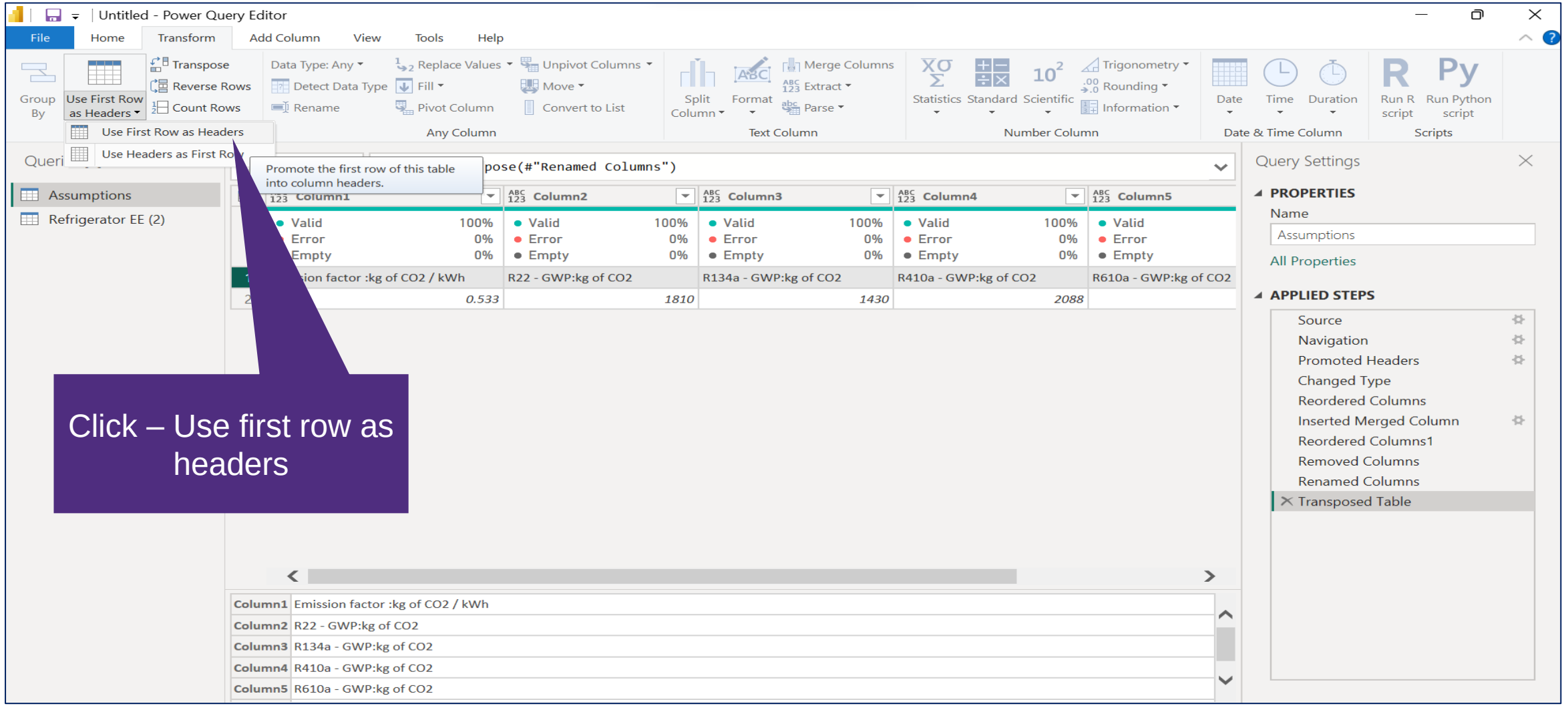
Transform Data to Power BI – Power Query



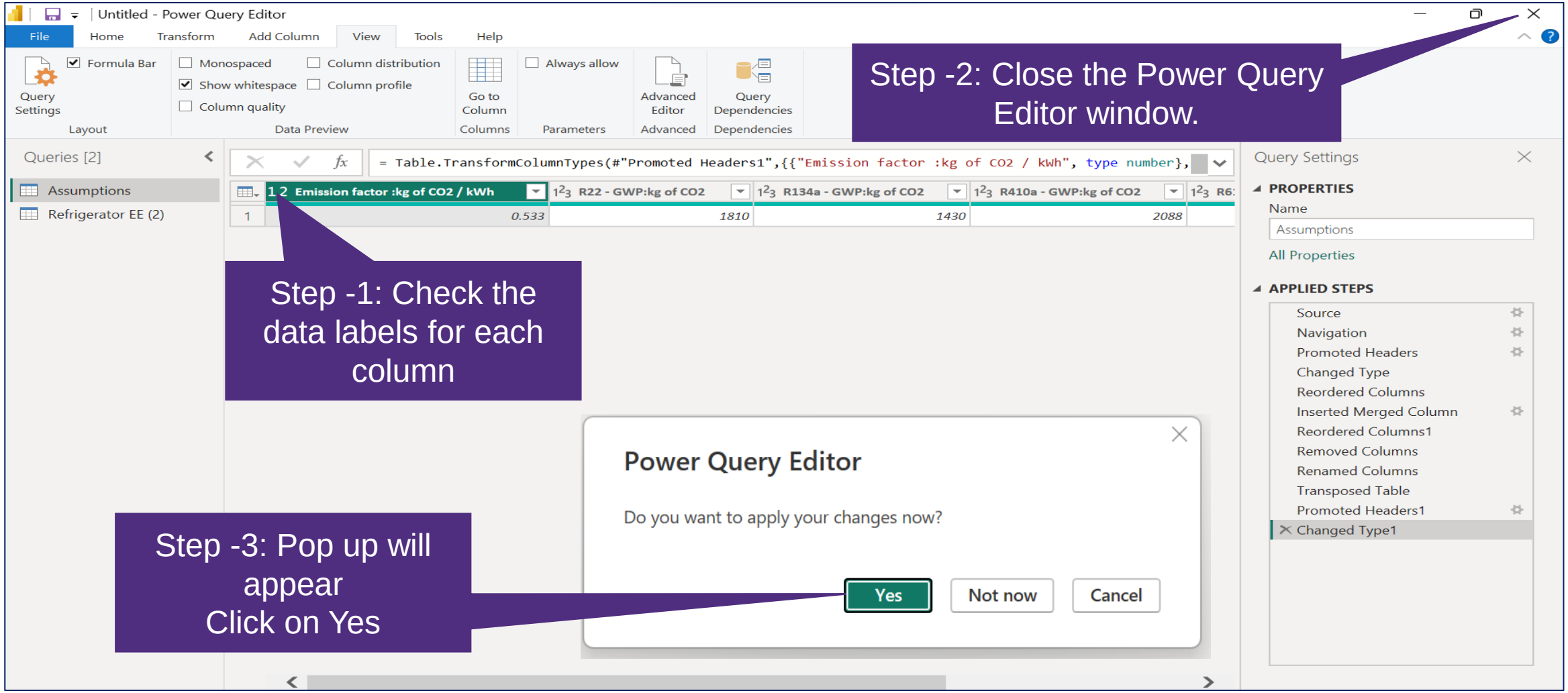
Transform Data to Power BI – Power Query



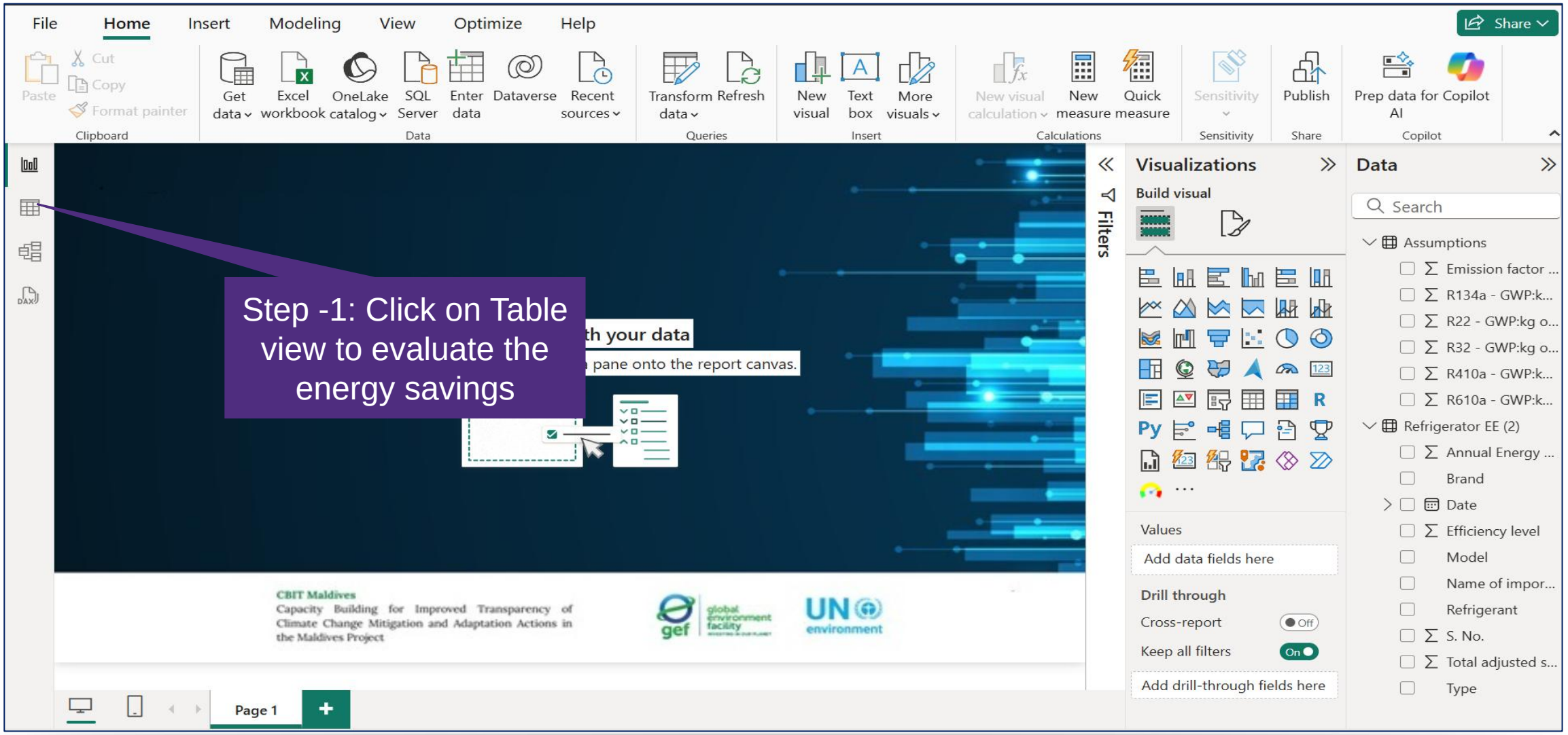
Transform Data to Power BI – Power Query



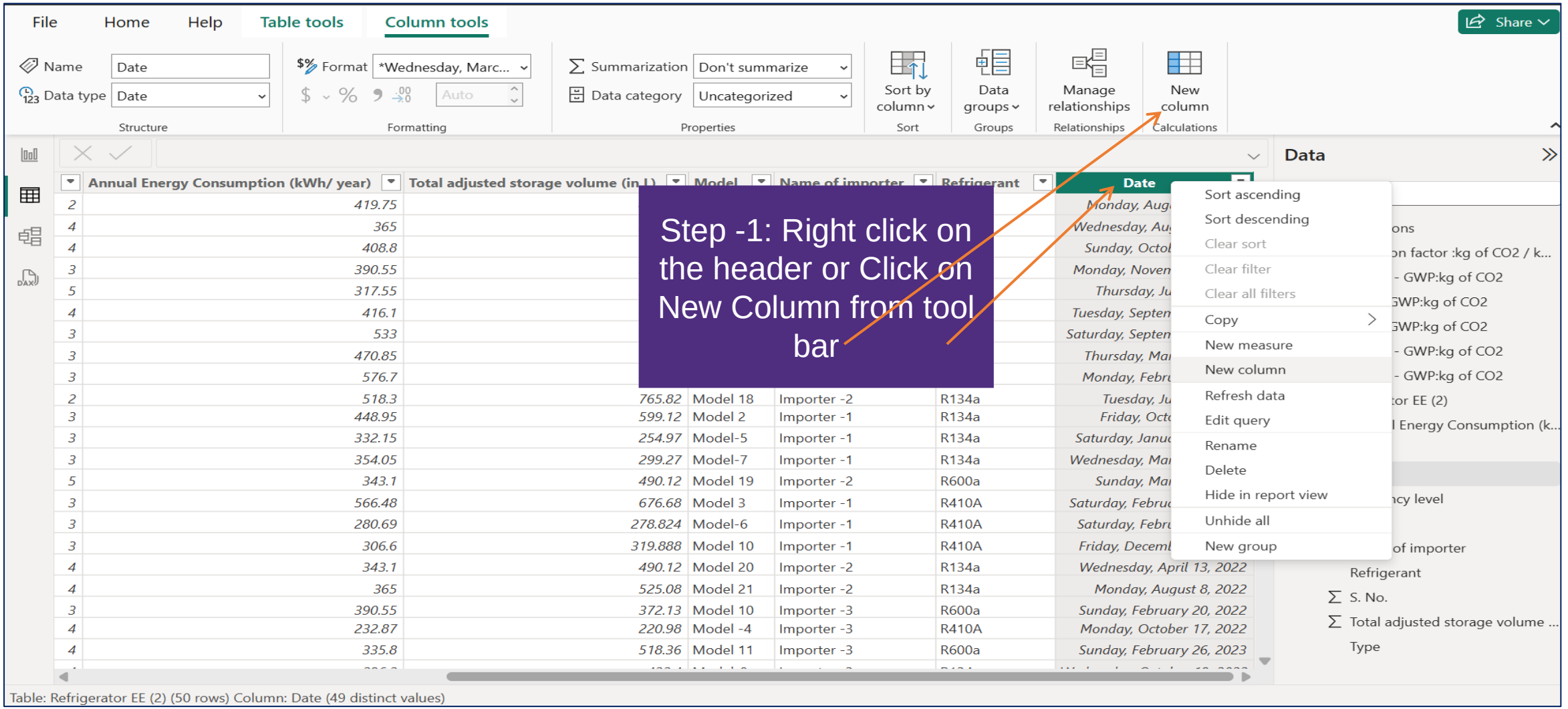
Transform Data to Power BI – Power Query



Transform Data to Power BI

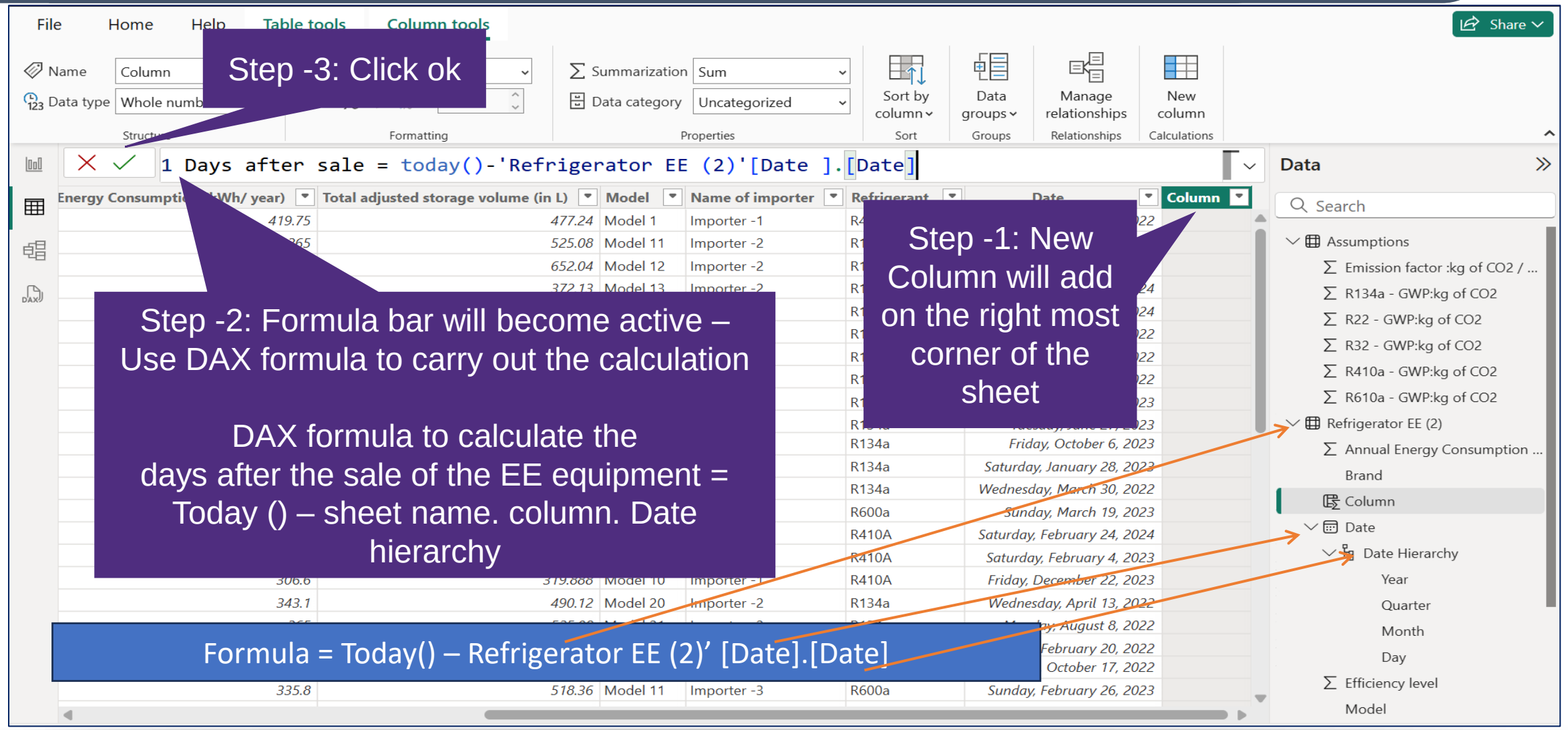


Using DAX formulas

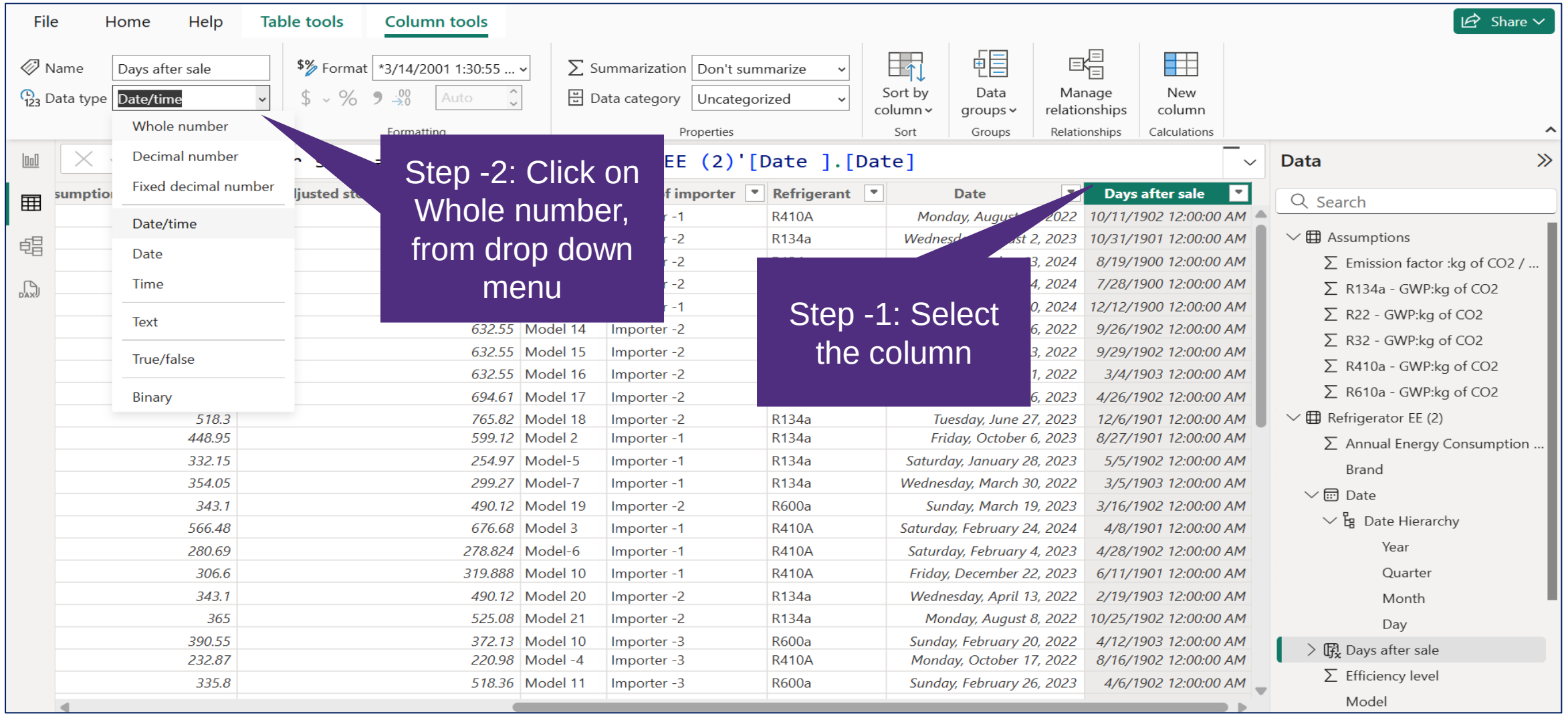


	Annual Energy Consumption (kWh/ year)	Total adjusted storage volume (in L)	Model	Name of importer	Refrigerant	Date
2	419.75					Monday, Aug
4	365					Wednesday, Au
4	408.8					Sunday, Octo
3	390.55					Monday, Noven
5	317.55					Thursday, Ju
4	416.1					Tuesday, Septen
3	533					Saturday, Septen
3	470.85					Thursday, Mar
3	576.7					Monday, Febru
2	518.3	765.82	Model 18	Importer -2	R134a	Tuesday, Ju
3	448.95	599.12	Model 2	Importer -1	R134a	Friday, Oct
3	332.15	254.97	Model-5	Importer -1	R134a	Saturday, Janu
3	354.05	299.27	Model-7	Importer -1	R134a	Wednesday, Mar
5	343.1	490.12	Model 19	Importer -2	R600a	Sunday, Mar
3	566.48	676.68	Model 3	Importer -1	R410A	Saturday, Febru
3	280.69	278.824	Model-6	Importer -1	R410A	Saturday, Febru
3	306.6	319.888	Model 10	Importer -1	R410A	Friday, Decemb
4	343.1	490.12	Model 20	Importer -2	R134a	Wednesday, April 13, 2022
4	365	525.08	Model 21	Importer -2	R134a	Monday, August 8, 2022
3	390.55	372.13	Model 10	Importer -3	R600a	Sunday, February 20, 2022
4	232.87	220.98	Model -4	Importer -3	R410A	Monday, October 17, 2022
4	335.8	518.36	Model 11	Importer -3	R600a	Sunday, February 26, 2023

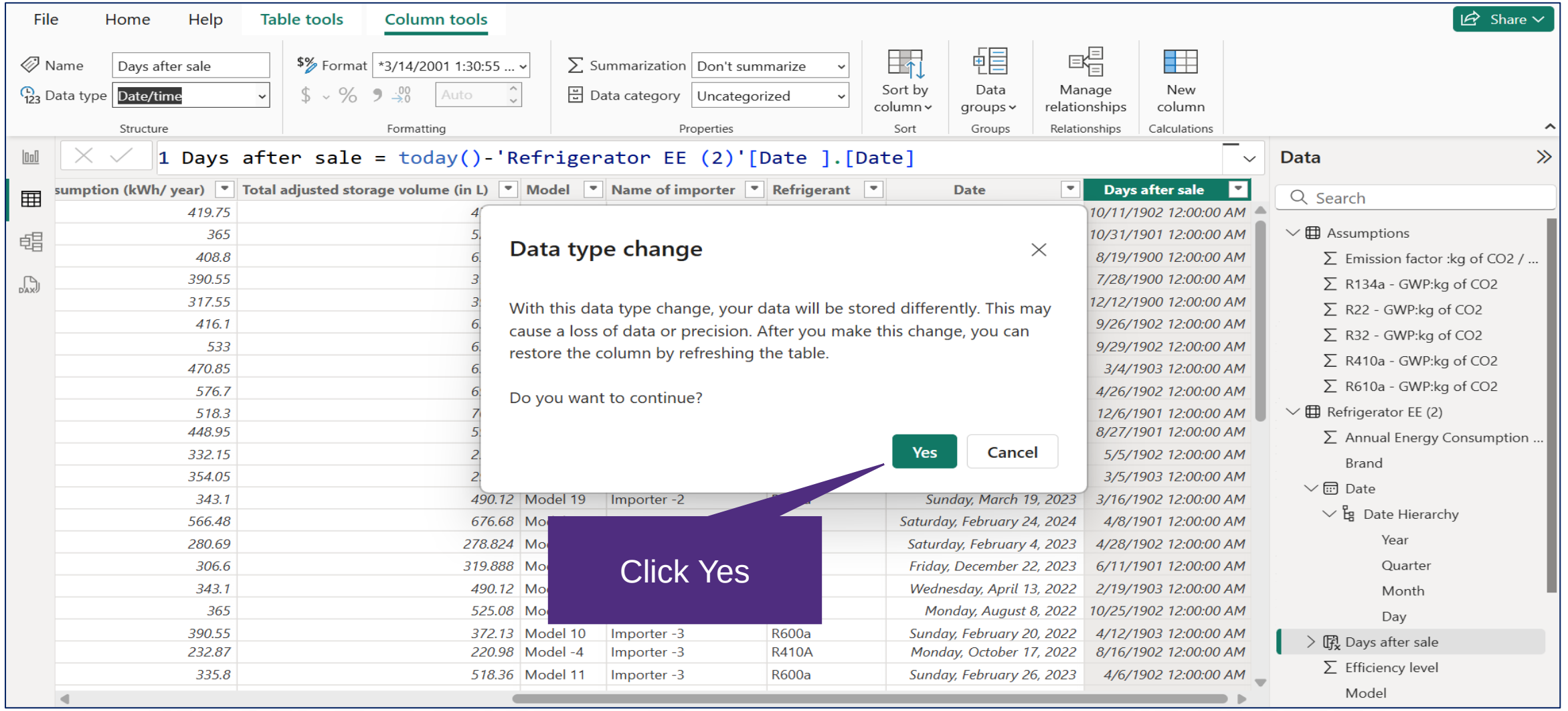
Using DAX formulas



Changing the data format

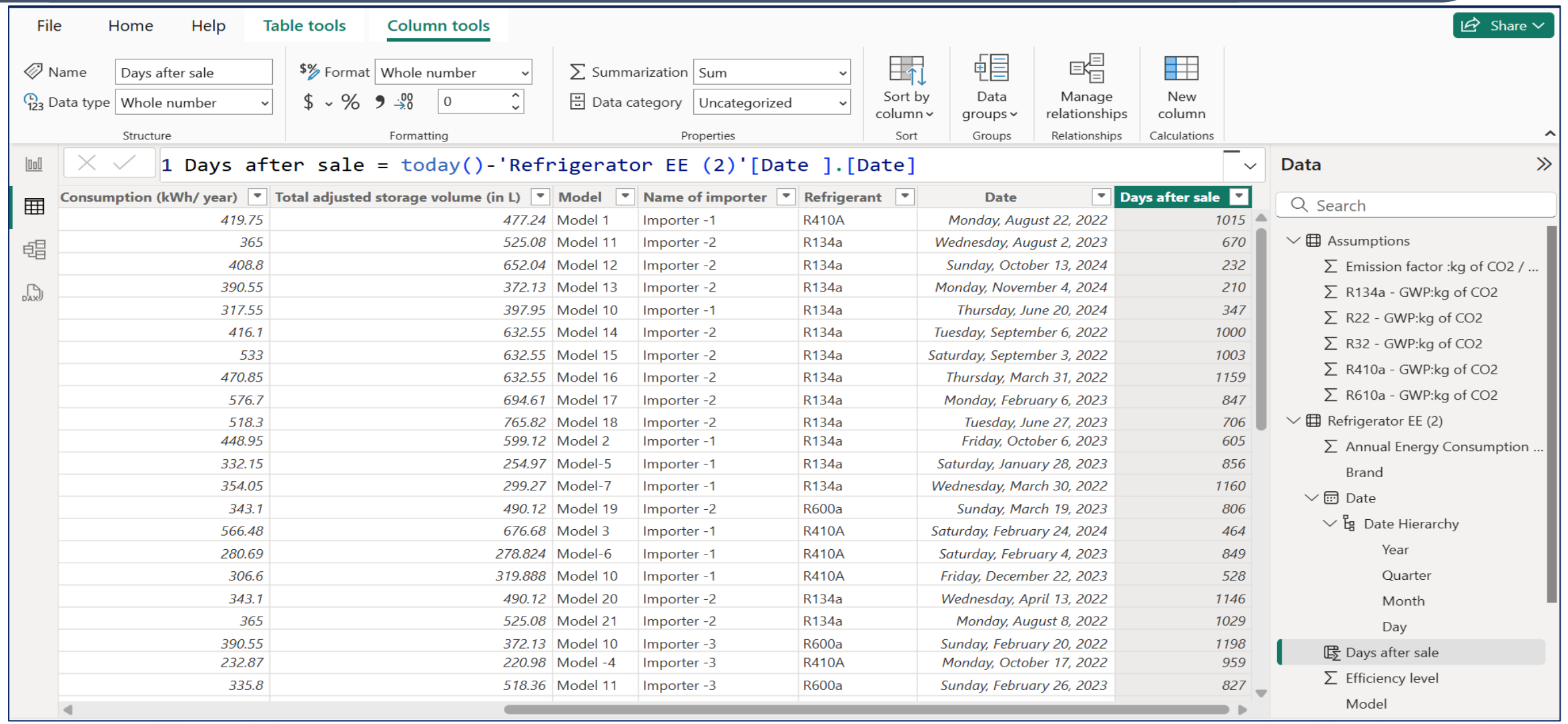


Changing the data format



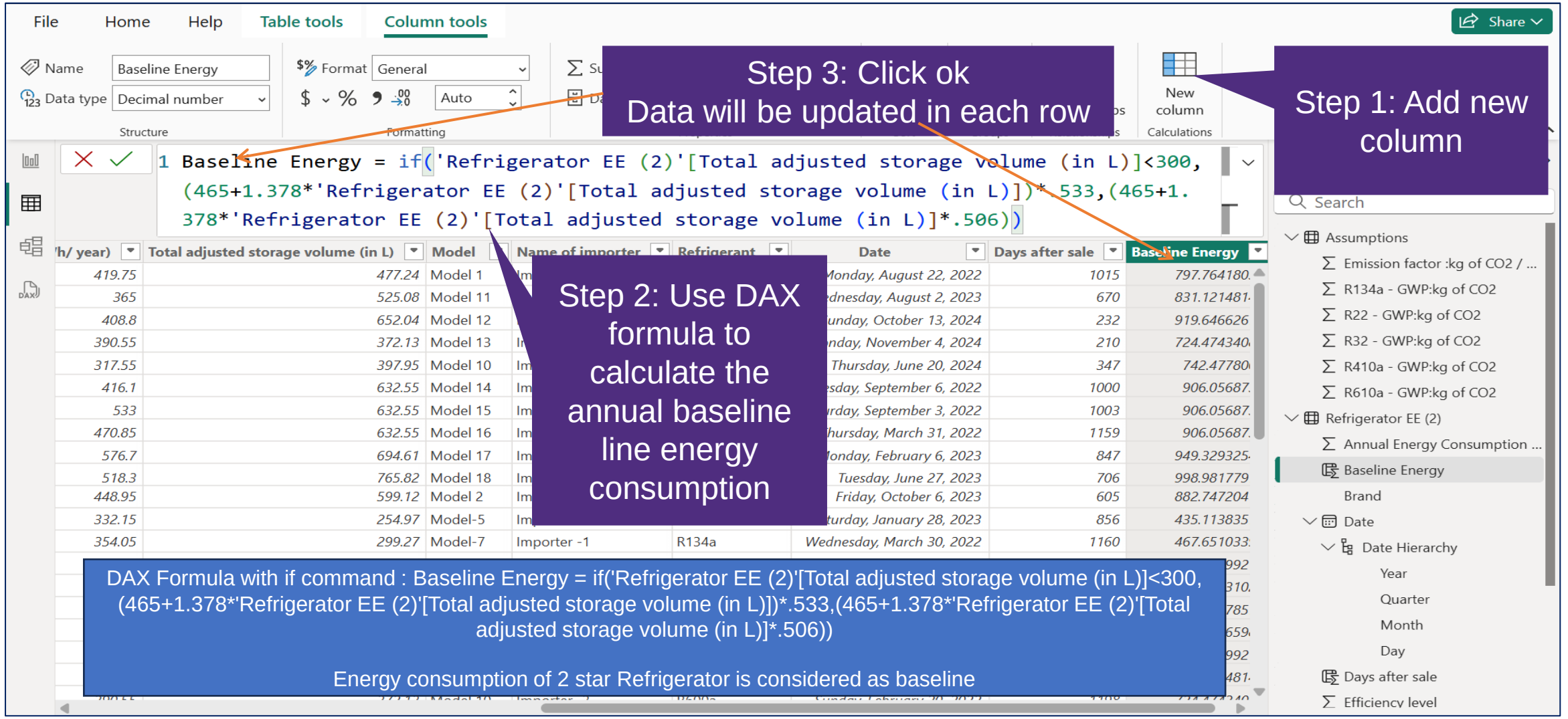
sumption (kWh/ year)	Total adjusted storage volume (in L)	Model	Name of importer	Refrigerant	Date	Days after sale
419.75	4					10/11/1902 12:00:00 AM
365	5					10/31/1901 12:00:00 AM
408.8	6					8/19/1900 12:00:00 AM
390.55	3					7/28/1900 12:00:00 AM
317.55	3					12/12/1900 12:00:00 AM
416.1	6					9/26/1902 12:00:00 AM
533	6					9/29/1902 12:00:00 AM
470.85	6					3/4/1903 12:00:00 AM
576.7	6					4/26/1902 12:00:00 AM
518.3	7					12/6/1901 12:00:00 AM
448.95	5					8/27/1901 12:00:00 AM
332.15	2					5/5/1902 12:00:00 AM
354.05	2					3/5/1903 12:00:00 AM
343.1	490.12	Model 19	Importer -2		Sunday, March 19, 2023	3/16/1902 12:00:00 AM
566.48	676.68	Mo			Saturday, February 24, 2024	4/8/1901 12:00:00 AM
280.69	278.824	Mo			Saturday, February 4, 2023	4/28/1902 12:00:00 AM
306.6	319.888	Mo			Friday, December 22, 2023	6/11/1901 12:00:00 AM
343.1	490.12	Mo			Wednesday, April 13, 2022	2/19/1903 12:00:00 AM
365	525.08	Mo			Monday, August 8, 2022	10/25/1902 12:00:00 AM
390.55	372.13	Model 10	Importer -3	R600a	Sunday, February 20, 2022	4/12/1903 12:00:00 AM
232.87	220.98	Model -4	Importer -3	R410A	Monday, October 17, 2022	8/16/1902 12:00:00 AM
335.8	518.36	Model 11	Importer -3	R600a	Sunday, February 26, 2023	4/6/1902 12:00:00 AM

Changing the data format (Date to number)



Consumption (kWh/ year)	Total adjusted storage volume (in L)	Model	Name of importer	Refrigerant	Date	Days after sale
419.75	477.24	Model 1	Importer -1	R410A	Monday, August 22, 2022	1015
365	525.08	Model 11	Importer -2	R134a	Wednesday, August 2, 2023	670
408.8	652.04	Model 12	Importer -2	R134a	Sunday, October 13, 2024	232
390.55	372.13	Model 13	Importer -2	R134a	Monday, November 4, 2024	210
317.55	397.95	Model 10	Importer -1	R134a	Thursday, June 20, 2024	347
416.1	632.55	Model 14	Importer -2	R134a	Tuesday, September 6, 2022	1000
533	632.55	Model 15	Importer -2	R134a	Saturday, September 3, 2022	1003
470.85	632.55	Model 16	Importer -2	R134a	Thursday, March 31, 2022	1159
576.7	694.61	Model 17	Importer -2	R134a	Monday, February 6, 2023	847
518.3	765.82	Model 18	Importer -2	R134a	Tuesday, June 27, 2023	706
448.95	599.12	Model 2	Importer -1	R134a	Friday, October 6, 2023	605
332.15	254.97	Model-5	Importer -1	R134a	Saturday, January 28, 2023	856
354.05	299.27	Model-7	Importer -1	R134a	Wednesday, March 30, 2022	1160
343.1	490.12	Model 19	Importer -2	R600a	Sunday, March 19, 2023	806
566.48	676.68	Model 3	Importer -1	R410A	Saturday, February 24, 2024	464
280.69	278.824	Model-6	Importer -1	R410A	Saturday, February 4, 2023	849
306.6	319.888	Model 10	Importer -1	R410A	Friday, December 22, 2023	528
343.1	490.12	Model 20	Importer -2	R134a	Wednesday, April 13, 2022	1146
365	525.08	Model 21	Importer -2	R134a	Monday, August 8, 2022	1029
390.55	372.13	Model 10	Importer -3	R600a	Sunday, February 20, 2022	1198
232.87	220.98	Model -4	Importer -3	R410A	Monday, October 17, 2022	959
335.8	518.36	Model 11	Importer -3	R600a	Sunday, February 26, 2023	827

Using DAX formula to calculate the Baseline Scenario

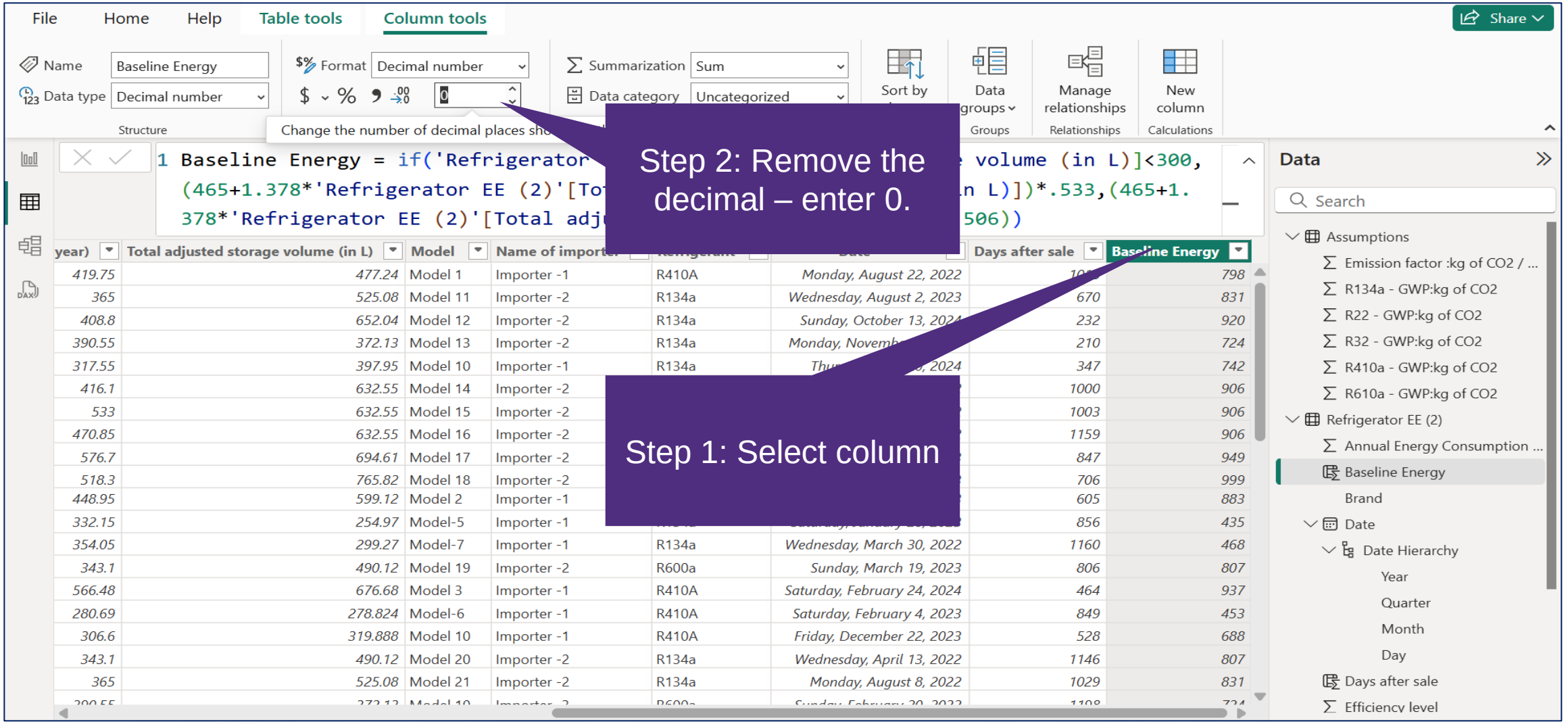


h/ year)	Total adjusted storage volume (in L)	Model	Name of importer	Refrigerant	Date	Days after sale	Baseline Energy
419.75	477.24	Model 1			Monday, August 22, 2022	1015	797.764180
365	525.08	Model 11			dnesday, August 2, 2023	670	831.121481
408.8	652.04	Model 12			unday, October 13, 2024	232	919.646626
390.55	372.13	Model 13			nday, November 4, 2024	210	724.474340
317.55	397.95	Model 10			Thursday, June 20, 2024	347	742.47780
416.1	632.55	Model 14			sday, September 6, 2022	1000	906.05687
533	632.55	Model 15			rday, September 3, 2022	1003	906.05687
470.85	632.55	Model 16			hursday, March 31, 2022	1159	906.05687
576.7	694.61	Model 17			onday, February 6, 2023	847	949.329325
518.3	765.82	Model 18			Tuesday, June 27, 2023	706	998.981779
448.95	599.12	Model 2			Friday, October 6, 2023	605	882.747204
332.15	254.97	Model-5			turday, January 28, 2023	856	435.113835
354.05	299.27	Model-7	Importer -1	R134a	Wednesday, March 30, 2022	1160	467.651033

DAX Formula with if command : Baseline Energy = if('Refrigerator EE (2)'[Total adjusted storage volume (in L)]<300, (465+1.378*'Refrigerator EE (2)'[Total adjusted storage volume (in L)])*.533,(465+1.378*'Refrigerator EE (2)'[Total adjusted storage volume (in L)]*.506))

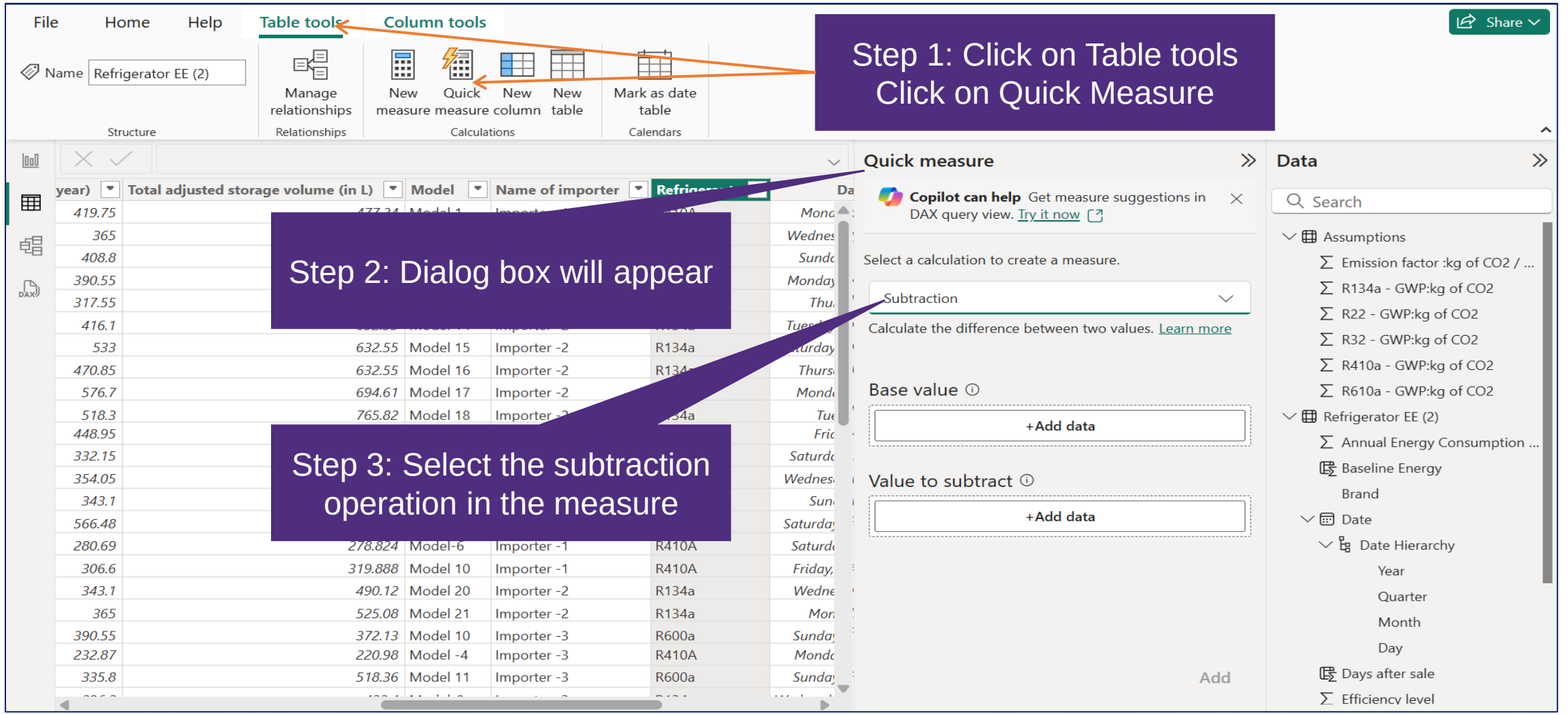
Energy consumption of 2 star Refrigerator is considered as baseline

Removing the decimals



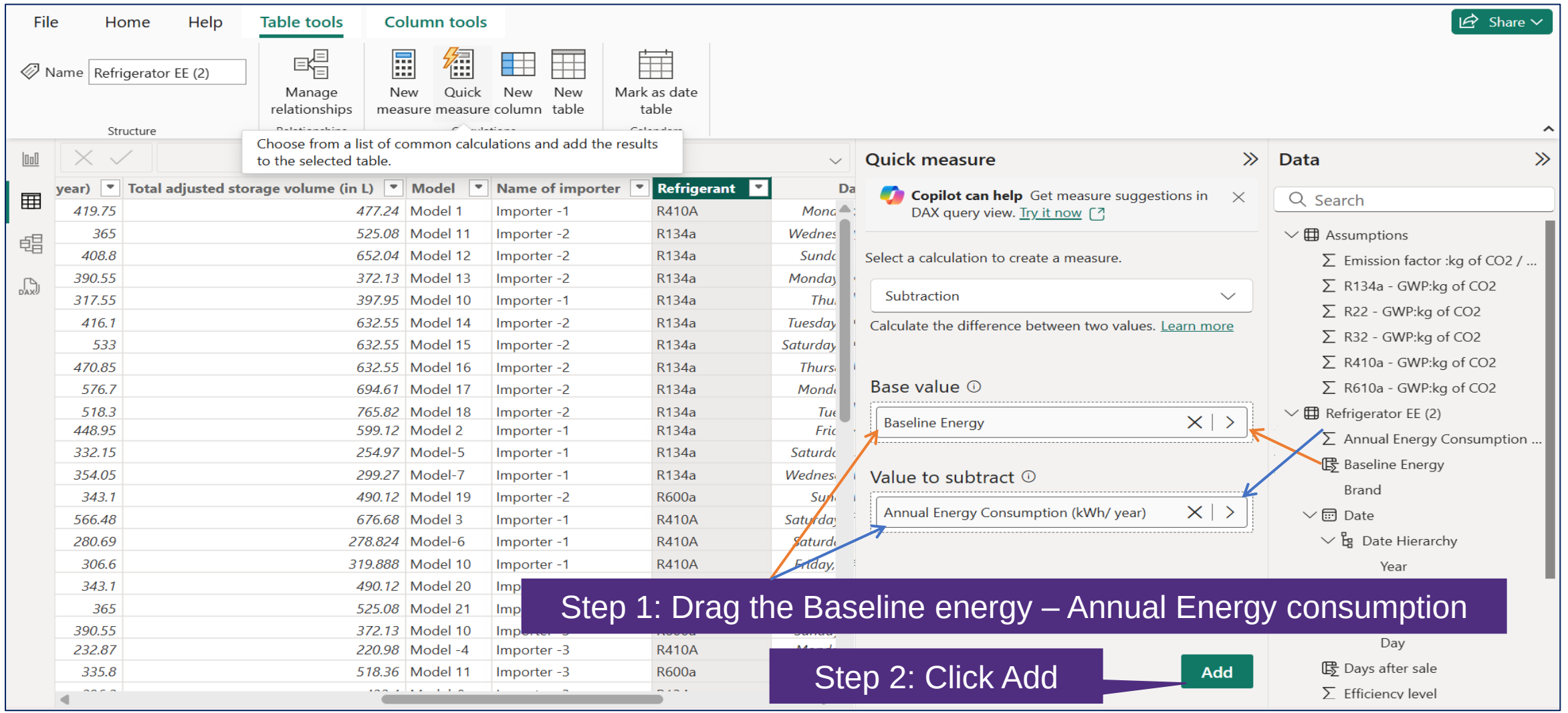
year)	Total adjusted storage volume (in L)	Model	Name of importer	Refrigerant	Date	Days after sale	Baseline Energy
419.75	477.24	Model 1	Importer -1	R410A	Monday, August 22, 2022	101	798
365	525.08	Model 11	Importer -2	R134a	Wednesday, August 2, 2023	670	831
408.8	652.04	Model 12	Importer -2	R134a	Sunday, October 13, 2024	232	920
390.55	372.13	Model 13	Importer -2	R134a	Monday, Novemb	210	724
317.55	397.95	Model 10	Importer -1	R134a	Thu , 2024	347	742
416.1	632.55	Model 14	Importer -2			1000	906
533	632.55	Model 15	Importer -2			1003	906
470.85	632.55	Model 16	Importer -2			1159	906
576.7	694.61	Model 17	Importer -2			847	949
518.3	765.82	Model 18	Importer -2			706	999
448.95	599.12	Model 2	Importer -1			605	883
332.15	254.97	Model-5	Importer -1			856	435
354.05	299.27	Model-7	Importer -1	R134a	Wednesday, March 30, 2022	1160	468
343.1	490.12	Model 19	Importer -2	R600a	Sunday, March 19, 2023	806	807
566.48	676.68	Model 3	Importer -1	R410A	Saturday, February 24, 2024	464	937
280.69	278.824	Model-6	Importer -1	R410A	Saturday, February 4, 2023	849	453
306.6	319.888	Model 10	Importer -1	R410A	Friday, December 22, 2023	528	688
343.1	490.12	Model 20	Importer -2	R134a	Wednesday, April 13, 2022	1146	807
365	525.08	Model 21	Importer -2	R134a	Monday, August 8, 2022	1029	831

Adding measure to evaluate energy saving



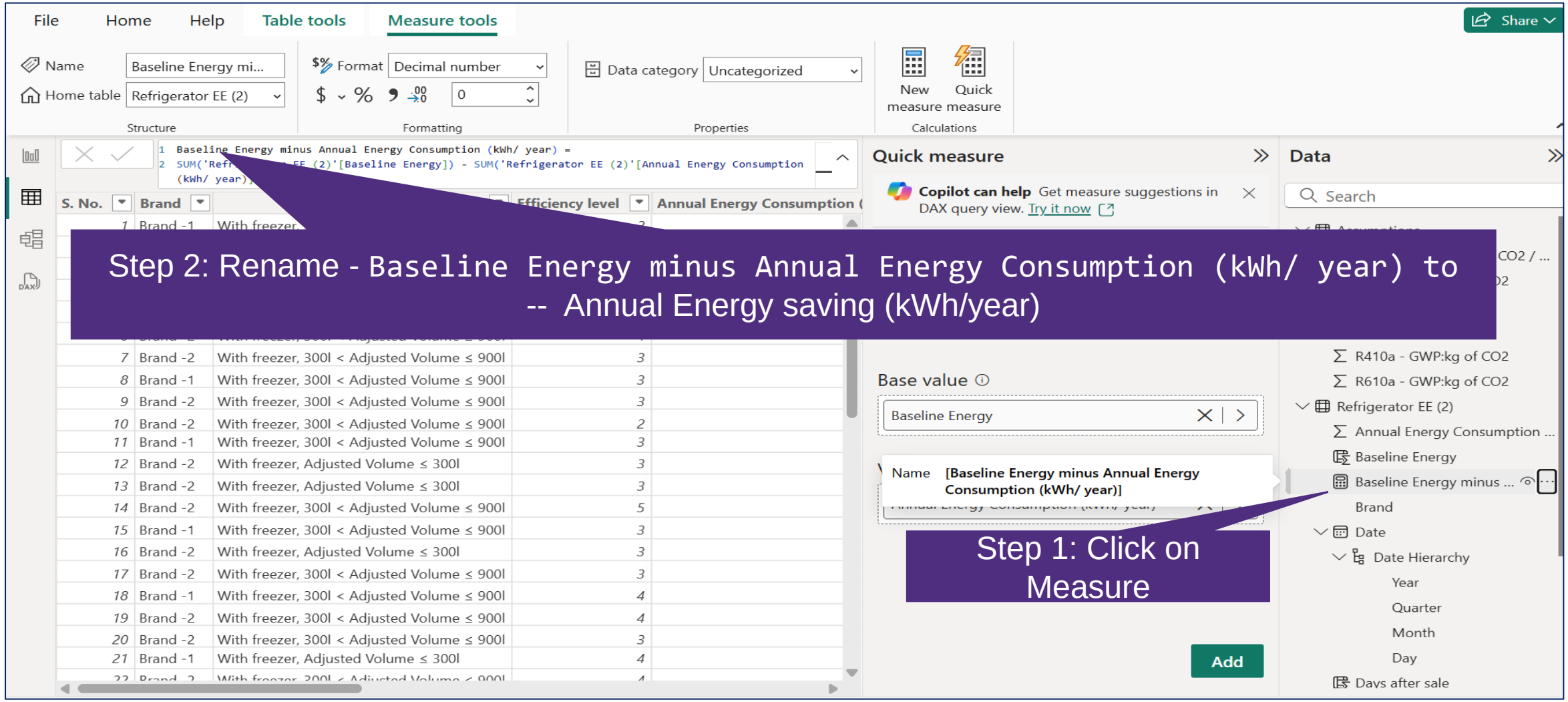
year)	Total adjusted storage volume (in L)	Model	Name of importer	Refrige...	Da
419.75	477.24	Model 1			Mond
365					Wednes
408.8					Sund
390.55					Monday
317.55					Thu
416.1					Tues
533	632.55	Model 15	Importer -2	R134a	urday
470.85	632.55	Model 16	Importer -2	R134	Thurs
576.7	694.61	Model 17	Importer -2		Mond
518.3	765.82	Model 18	Importer -2	34a	Tue
448.95					Fri
332.15					Saturd
354.05					Wednes
343.1					Sun
566.48					Saturday
280.69	278.824	Model-6	Importer -1	R410A	Saturd
306.6	319.888	Model 10	Importer -1	R410A	Friday,
343.1	490.12	Model 20	Importer -2	R134a	Wedne
365	525.08	Model 21	Importer -2	R134a	Mon
390.55	372.13	Model 10	Importer -3	R600a	Sunday
232.87	220.98	Model -4	Importer -3	R410A	Mond
335.8	518.36	Model 11	Importer -3	R600a	Sunday

Adding measure to evaluate energy saving



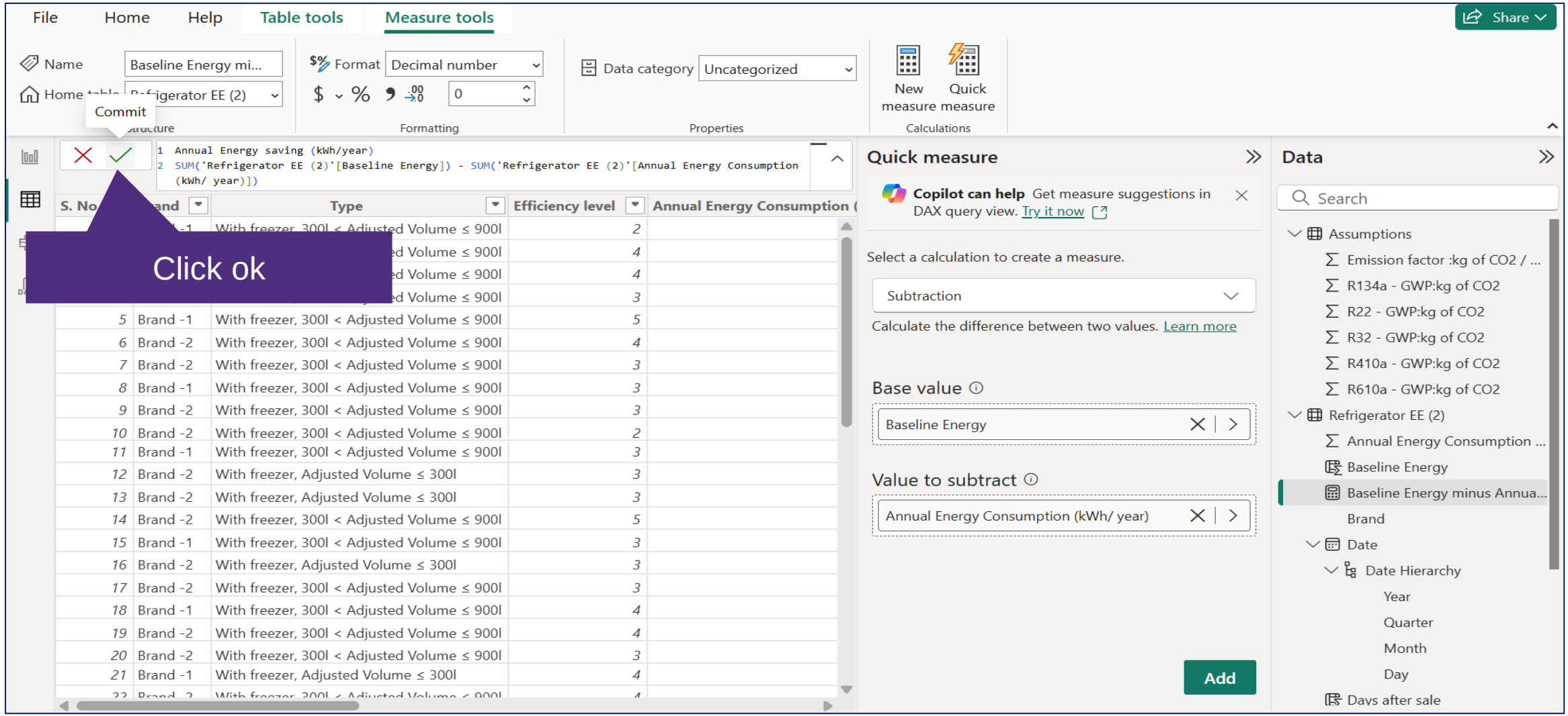
year)	Total adjusted storage volume (in L)	Model	Name of importer	Refrigerant	Da
419.75	477.24	Model 1	Importer -1	R410A	Mond
365	525.08	Model 11	Importer -2	R134a	Wednes
408.8	652.04	Model 12	Importer -2	R134a	Sunda
390.55	372.13	Model 13	Importer -2	R134a	Monday
317.55	397.95	Model 10	Importer -1	R134a	Thu
416.1	632.55	Model 14	Importer -2	R134a	Tuesday
533	632.55	Model 15	Importer -2	R134a	Saturday
470.85	632.55	Model 16	Importer -2	R134a	Thurs
576.7	694.61	Model 17	Importer -2	R134a	Mond
518.3	765.82	Model 18	Importer -2	R134a	Tue
448.95	599.12	Model 2	Importer -1	R134a	Fric
332.15	254.97	Model-5	Importer -1	R134a	Saturd
354.05	299.27	Model-7	Importer -1	R134a	Wednes
343.1	490.12	Model 19	Importer -2	R600a	Sun
566.48	676.68	Model 3	Importer -1	R410A	Saturday
280.69	278.824	Model-6	Importer -1	R410A	Saturd
306.6	319.888	Model 10	Importer -1	R410A	Friday,
343.1	490.12	Model 20	Imp		
365	525.08	Model 21	Imp		
390.55	372.13	Model 10	Imp		
232.87	220.98	Model -4	Importer -3	R410A	
335.8	518.36	Model 11	Importer -3	R600a	

Renaming measure



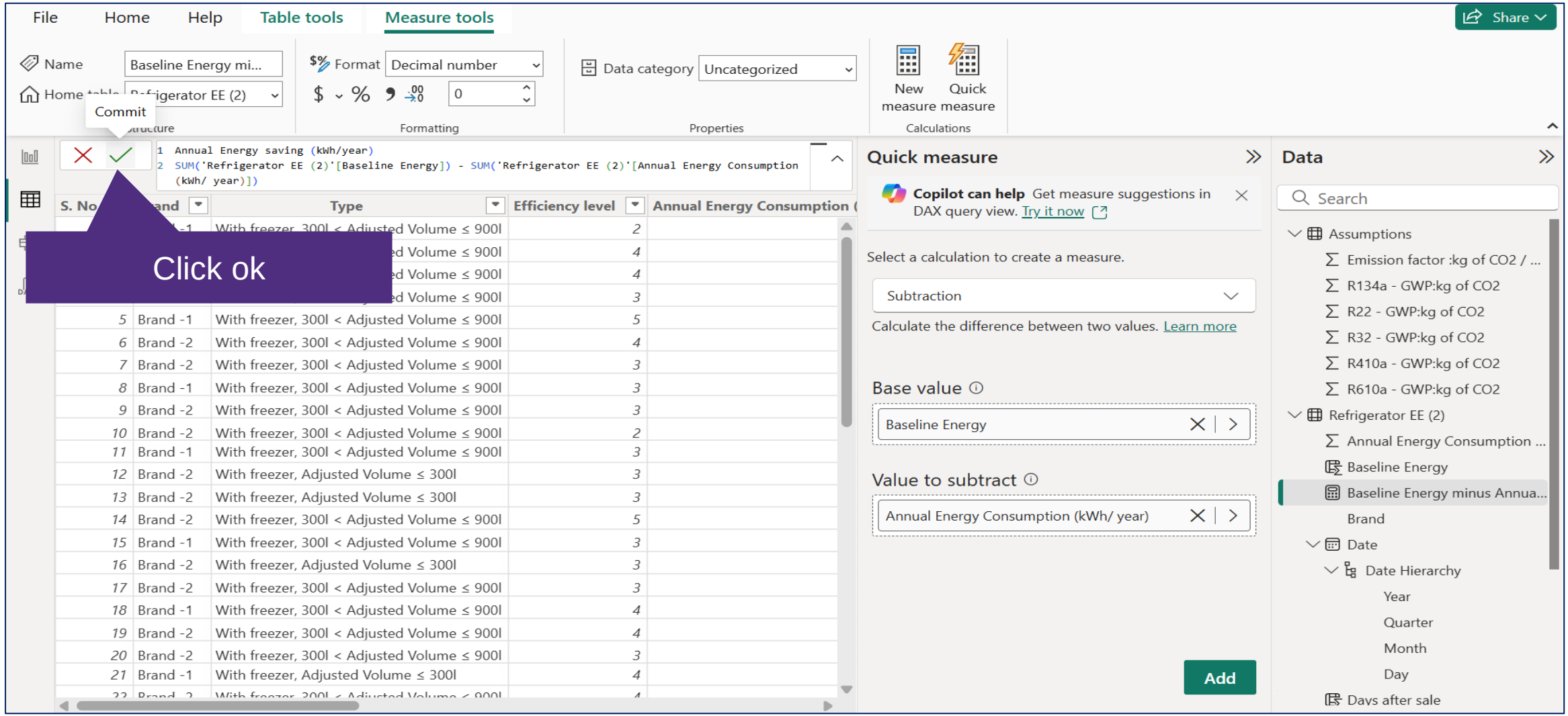
S. No.	Brand		Efficiency level	Annual Energy Consumption
7	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
8	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	
9	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
10	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	2	
11	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	
12	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	
13	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	
14	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	5	
15	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	
16	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	
17	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
18	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	4	
19	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	
20	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
21	Brand -1	With freezer, Adjusted Volume ≤ 300l	4	

Renaming measure



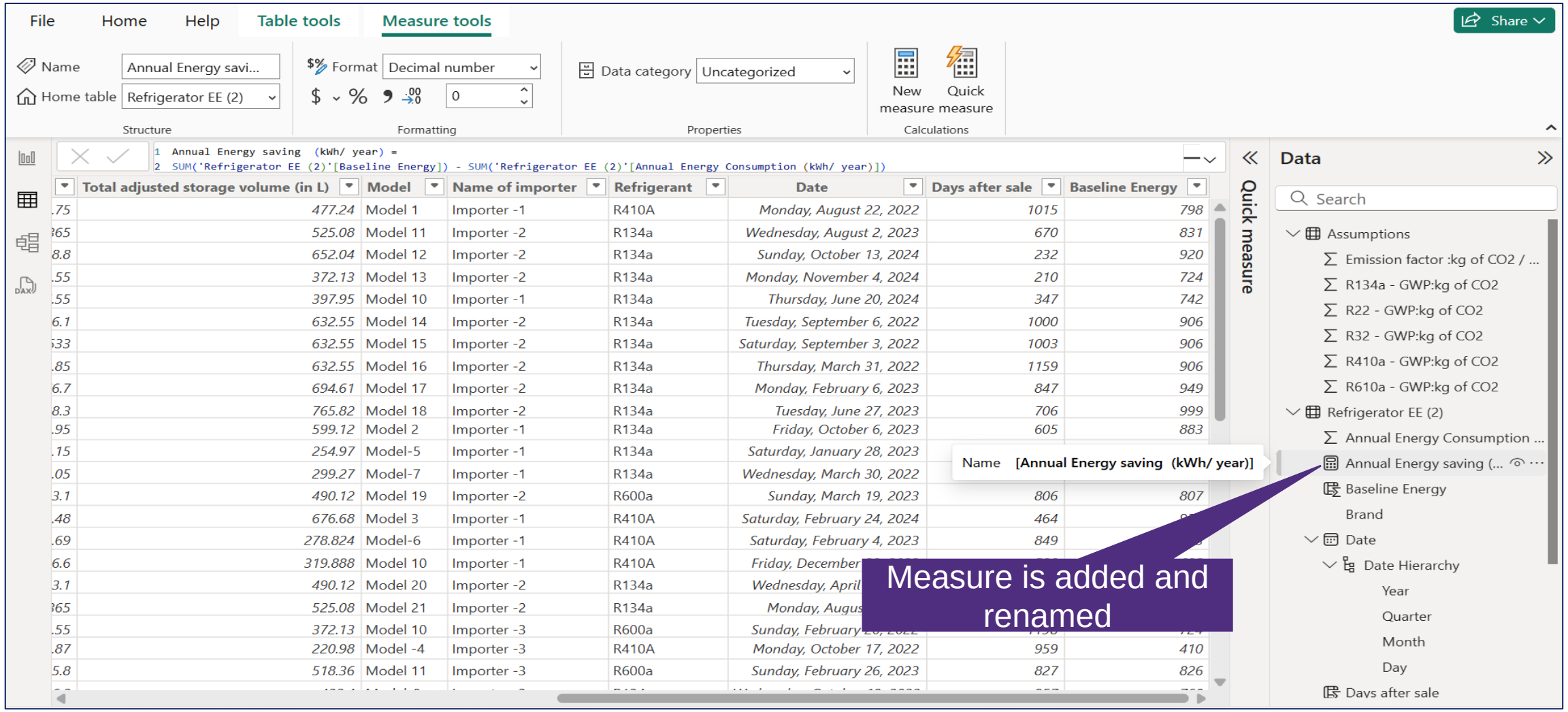
S. No	Brand	Type	Efficiency level	Annual Energy Consumption
		With freezer, 300l < Adjusted Volume ≤ 900l	2	
		d Volume ≤ 900l	4	
		d Volume ≤ 900l	4	
		d Volume ≤ 900l	3	
5	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	5	
6	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	
7	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
8	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	
9	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
10	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	2	
11	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	
12	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	
13	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	
14	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	5	
15	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	
16	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	
17	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
18	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	4	
19	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	
20	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
21	Brand -1	With freezer, Adjusted Volume ≤ 300l	4	

Renaming measure

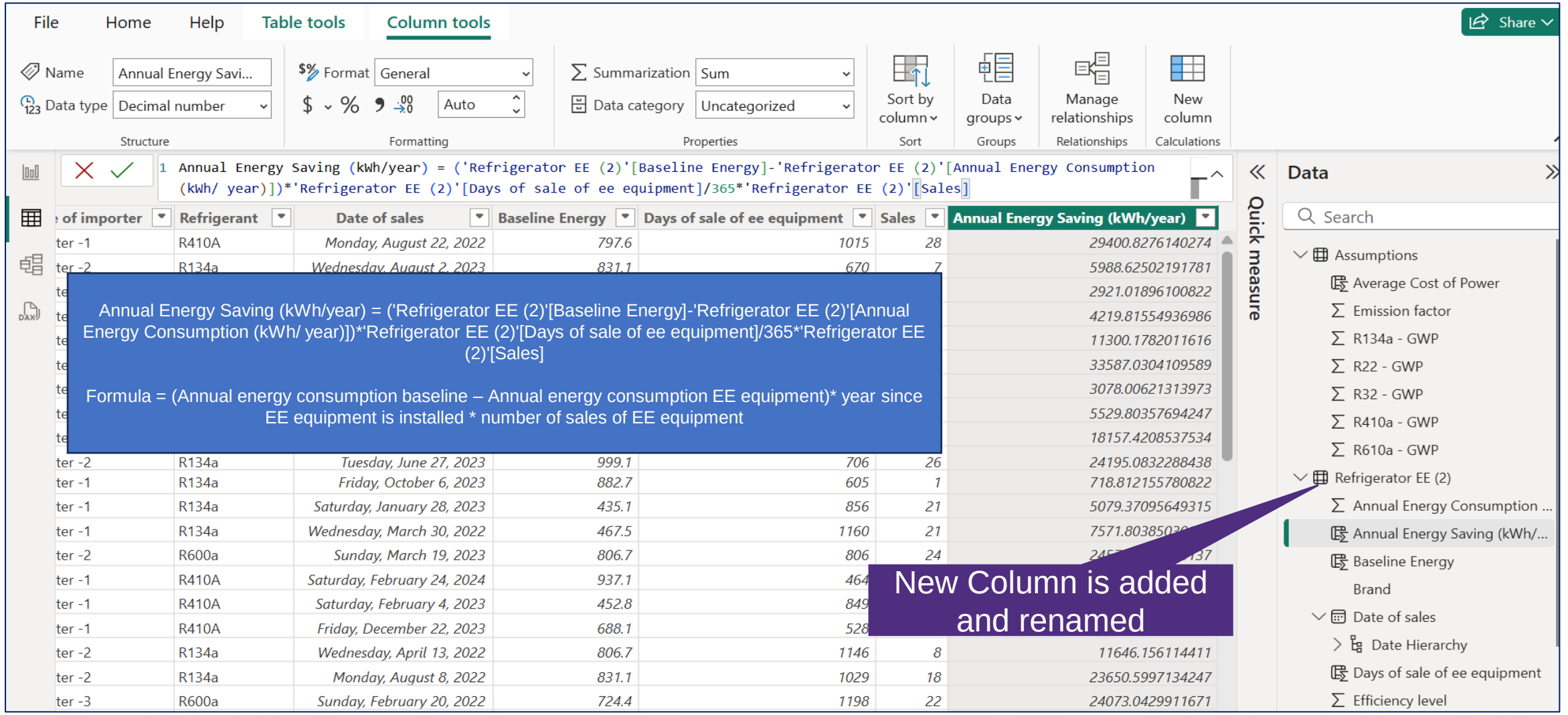


S. No	Brand	Type	Efficiency level	Annual Energy Consumption
		With freezer, 300l < Adjusted Volume ≤ 900l	2	
		d Volume ≤ 900l	4	
		d Volume ≤ 900l	4	
		d Volume ≤ 900l	3	
5	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	5	
6	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	
7	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
8	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	
9	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
10	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	2	
11	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	
12	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	
13	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	
14	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	5	
15	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	
16	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	
17	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
18	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	4	
19	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	
20	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	
21	Brand -1	With freezer, Adjusted Volume ≤ 300l	4	

Renaming measure

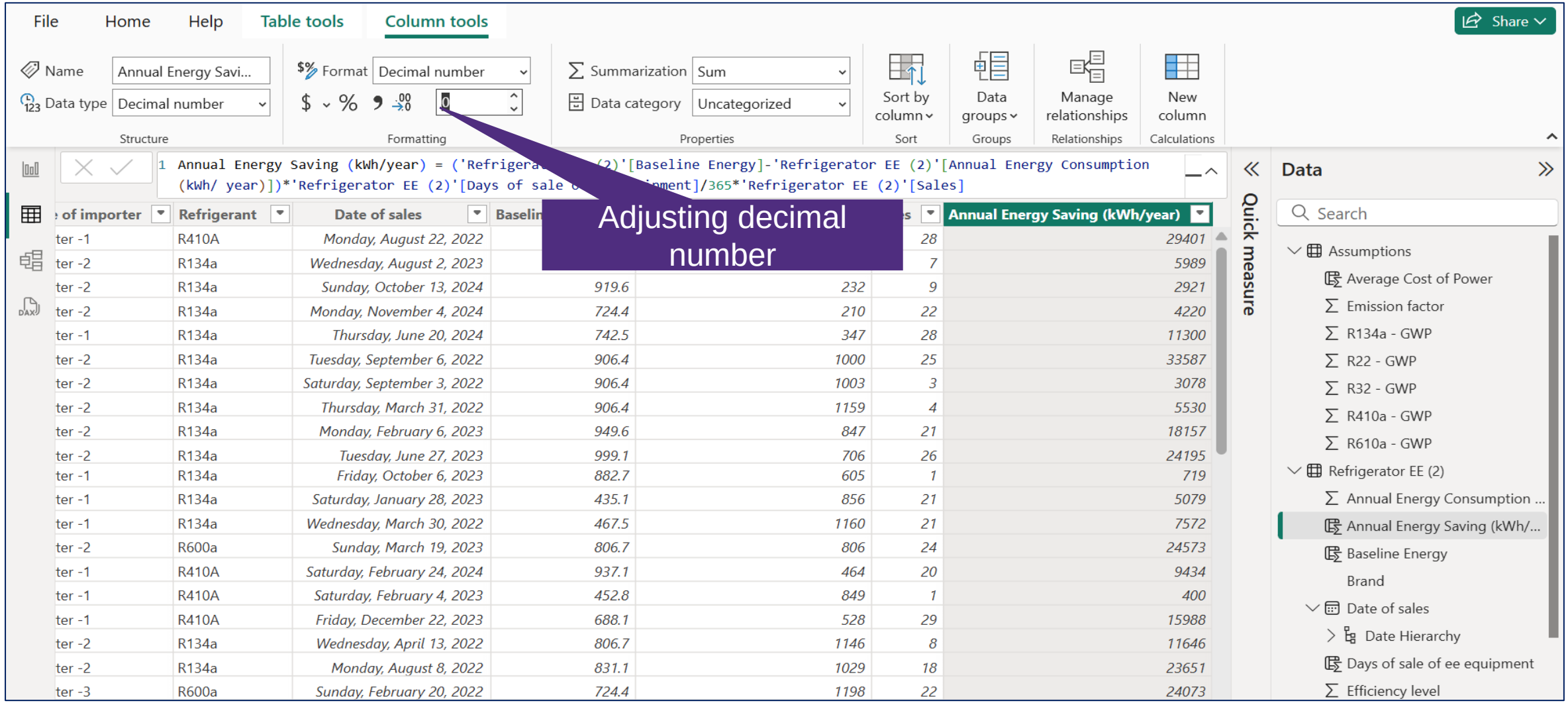


DAX functions for Energy Saving calculation



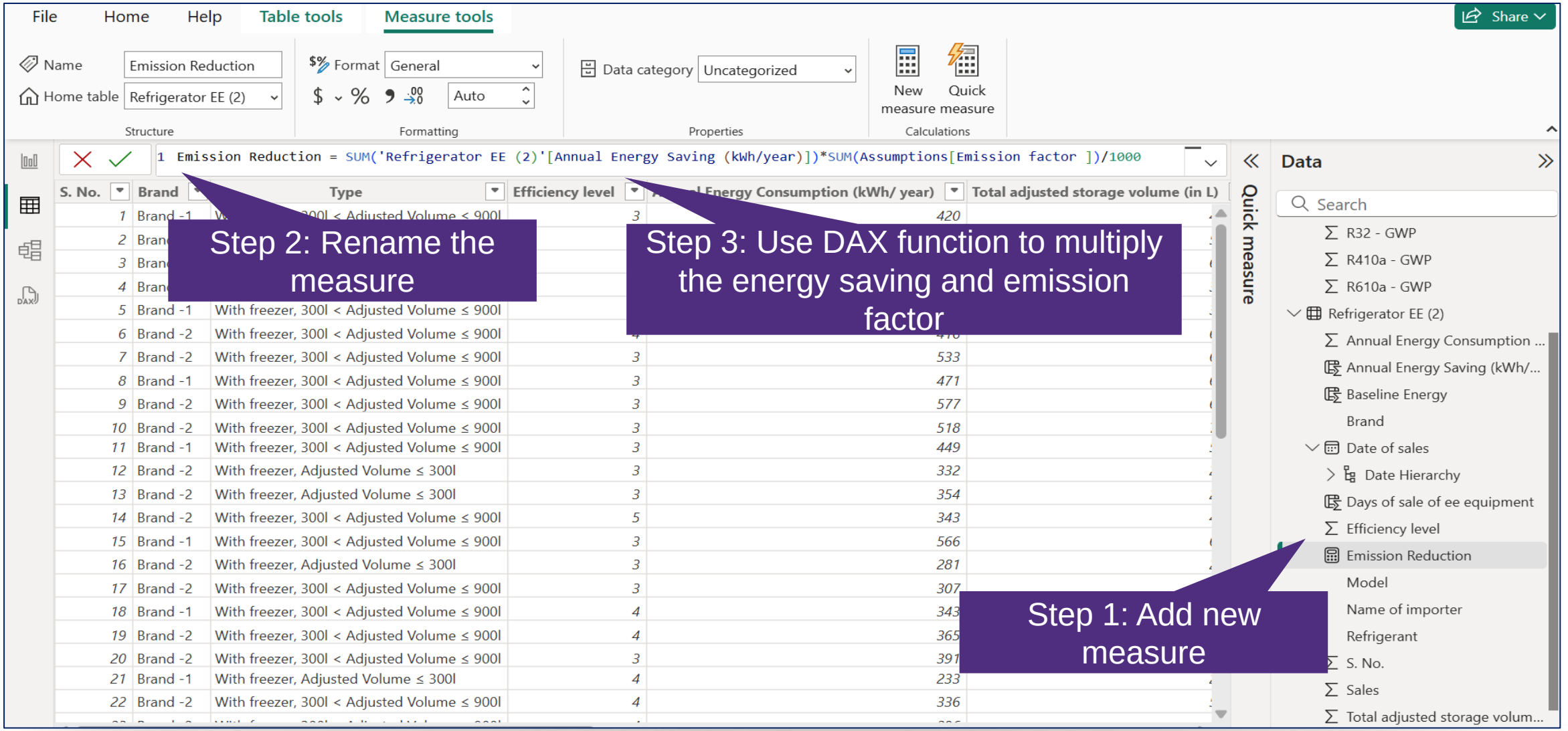
of importer	Refrigerant	Date of sales	Baseline Energy	Days of sale of ee equipment	Sales	Annual Energy Saving (kWh/year)
ter -1	R410A	Monday, August 22, 2022	797.6	1015	28	29400.8276140274
ter -2	R134a	Wednesday, August 2, 2023	831.1	670	7	5988.62502191781
te						2921.01896100822
te						4219.81554936986
te						11300.1782011616
te						33587.0304109589
te						3078.00621313973
te						5529.80357694247
te						18157.4208537534
ter -2	R134a	Tuesday, June 27, 2023	999.1	706	26	24195.0832288438
ter -1	R134a	Friday, October 6, 2023	882.7	605	1	718.812155780822
ter -1	R134a	Saturday, January 28, 2023	435.1	856	21	5079.37095649315
ter -1	R134a	Wednesday, March 30, 2022	467.5	1160	21	7571.80385030
ter -2	R600a	Sunday, March 19, 2023	806.7	806	24	24 137
ter -1	R410A	Saturday, February 24, 2024	937.1	464		
ter -1	R410A	Saturday, February 4, 2023	452.8	849		
ter -1	R410A	Friday, December 22, 2023	688.1	528		
ter -2	R134a	Wednesday, April 13, 2022	806.7	1146	8	11646.156114411
ter -2	R134a	Monday, August 8, 2022	831.1	1029	18	23650.5997134247
ter -3	R600a	Sunday, February 20, 2022	724.4	1198	22	24073.0429911671

DAX functions for Energy Saving calculation



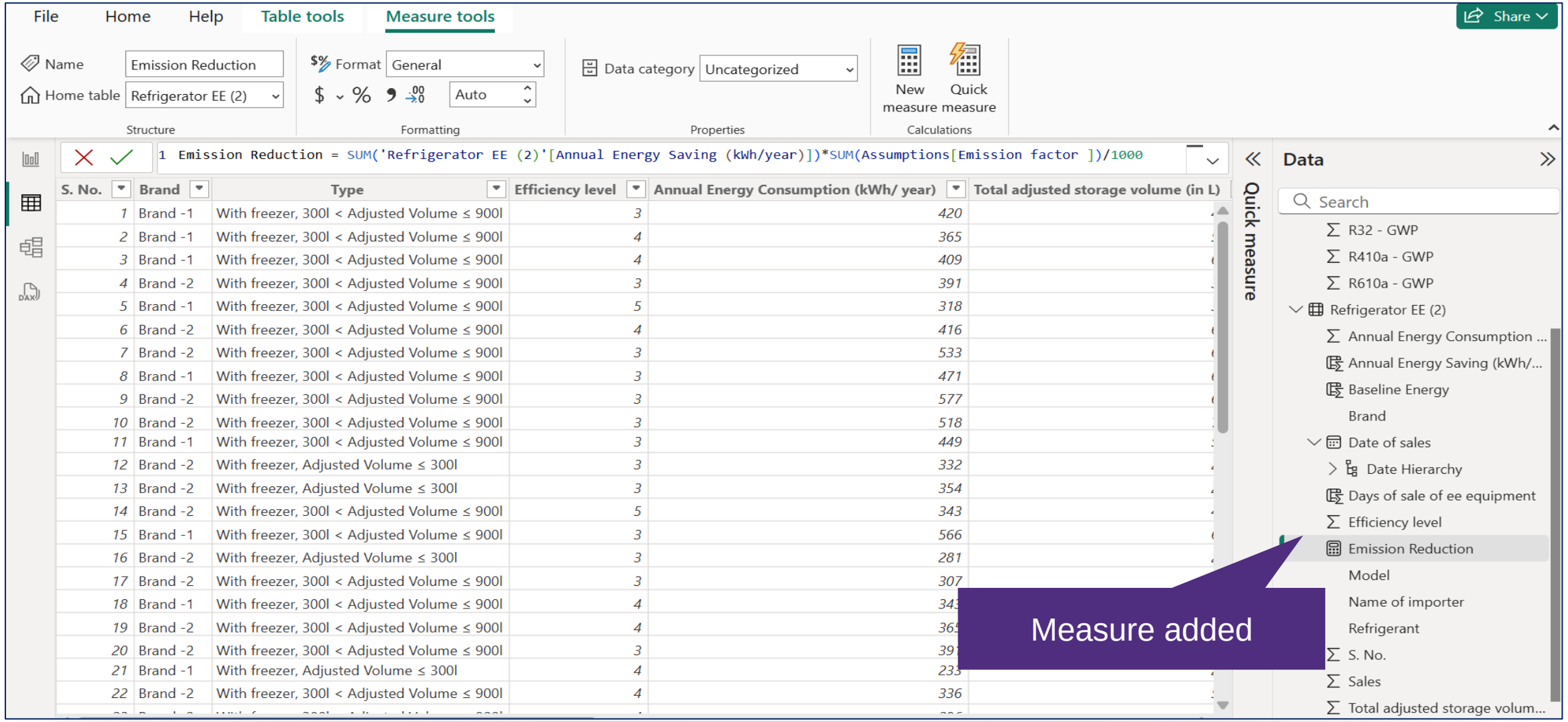
of importer	Refrigerant	Date of sales	Baselin	s	Annual Energy Saving (kWh/year)
ter -1	R410A	Monday, August 22, 2022		28	29401
ter -2	R134a	Wednesday, August 2, 2023		7	5989
ter -2	R134a	Sunday, October 13, 2024	919.6	232	9	2921
ter -2	R134a	Monday, November 4, 2024	724.4	210	22	4220
ter -1	R134a	Thursday, June 20, 2024	742.5	347	28	11300
ter -2	R134a	Tuesday, September 6, 2022	906.4	1000	25	33587
ter -2	R134a	Saturday, September 3, 2022	906.4	1003	3	3078
ter -2	R134a	Thursday, March 31, 2022	906.4	1159	4	5530
ter -2	R134a	Monday, February 6, 2023	949.6	847	21	18157
ter -2	R134a	Tuesday, June 27, 2023	999.1	706	26	24195
ter -1	R134a	Friday, October 6, 2023	882.7	605	1	719
ter -1	R134a	Saturday, January 28, 2023	435.1	856	21	5079
ter -1	R134a	Wednesday, March 30, 2022	467.5	1160	21	7572
ter -2	R600a	Sunday, March 19, 2023	806.7	806	24	24573
ter -1	R410A	Saturday, February 24, 2024	937.1	464	20	9434
ter -1	R410A	Saturday, February 4, 2023	452.8	849	1	400
ter -1	R410A	Friday, December 22, 2023	688.1	528	29	15988
ter -2	R134a	Wednesday, April 13, 2022	806.7	1146	8	11646
ter -2	R134a	Monday, August 8, 2022	831.1	1029	18	23651
ter -3	R600a	Sunday, February 20, 2022	724.4	1198	22	24073

DAX functions for Emission Reduction



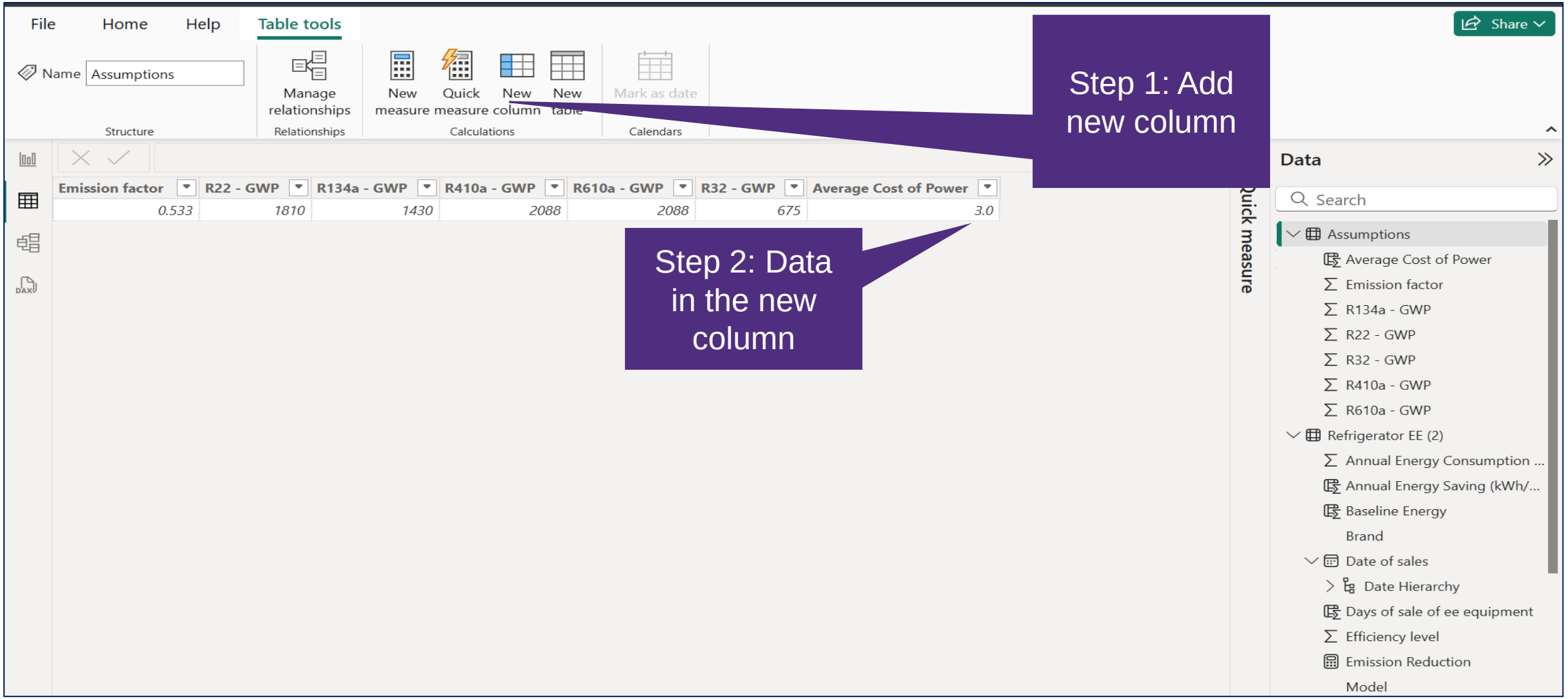
S. No.	Brand	Type	Efficiency level	Annual Energy Consumption (kWh/ year)	Total adjusted storage volume (in L)
1	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	420	
2	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l			
3	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l			
4	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l			
5	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l			
6	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l			
7	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	533	
8	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	471	
9	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	577	
10	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	518	
11	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	449	
12	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	332	
13	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	354	
14	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	5	343	
15	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	566	
16	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	281	
17	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	307	
18	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	4	343	
19	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	365	
20	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	391	
21	Brand -1	With freezer, Adjusted Volume ≤ 300l	4	233	
22	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	336	

DAX functions for Emission Reduction

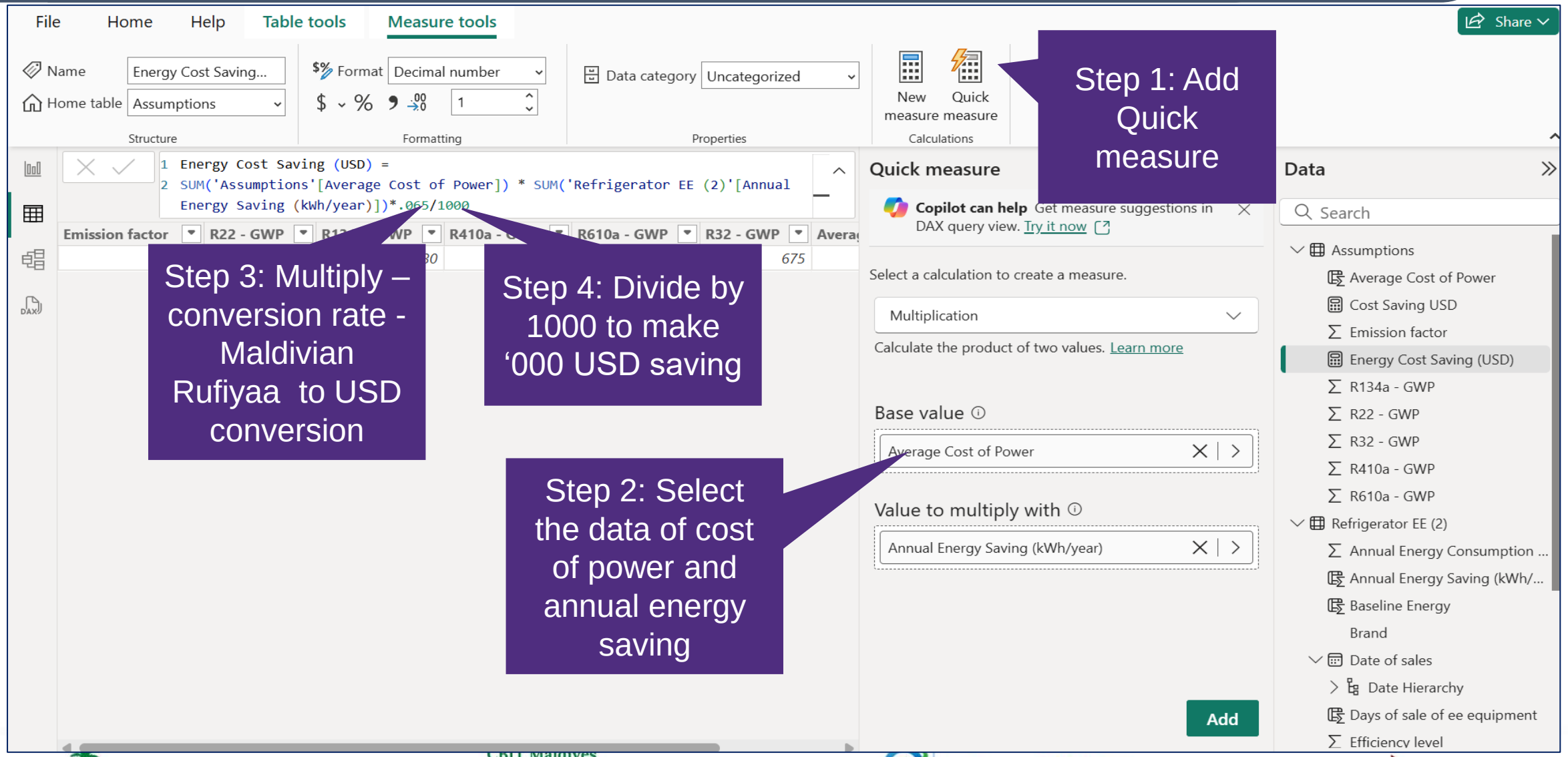


S. No.	Brand	Type	Efficiency level	Annual Energy Consumption (kWh/ year)	Total adjusted storage volume (in L)
1	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	420	
2	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	4	365	
3	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	4	409	
4	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	391	
5	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	5	318	
6	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	416	
7	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	533	
8	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	471	
9	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	577	
10	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	518	
11	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	449	
12	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	332	
13	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	354	
14	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	5	343	
15	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	3	566	
16	Brand -2	With freezer, Adjusted Volume ≤ 300l	3	281	
17	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	307	
18	Brand -1	With freezer, 300l < Adjusted Volume ≤ 900l	4	343	
19	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	365	
20	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	3	391	
21	Brand -1	With freezer, Adjusted Volume ≤ 300l	4	233	
22	Brand -2	With freezer, 300l < Adjusted Volume ≤ 900l	4	336	

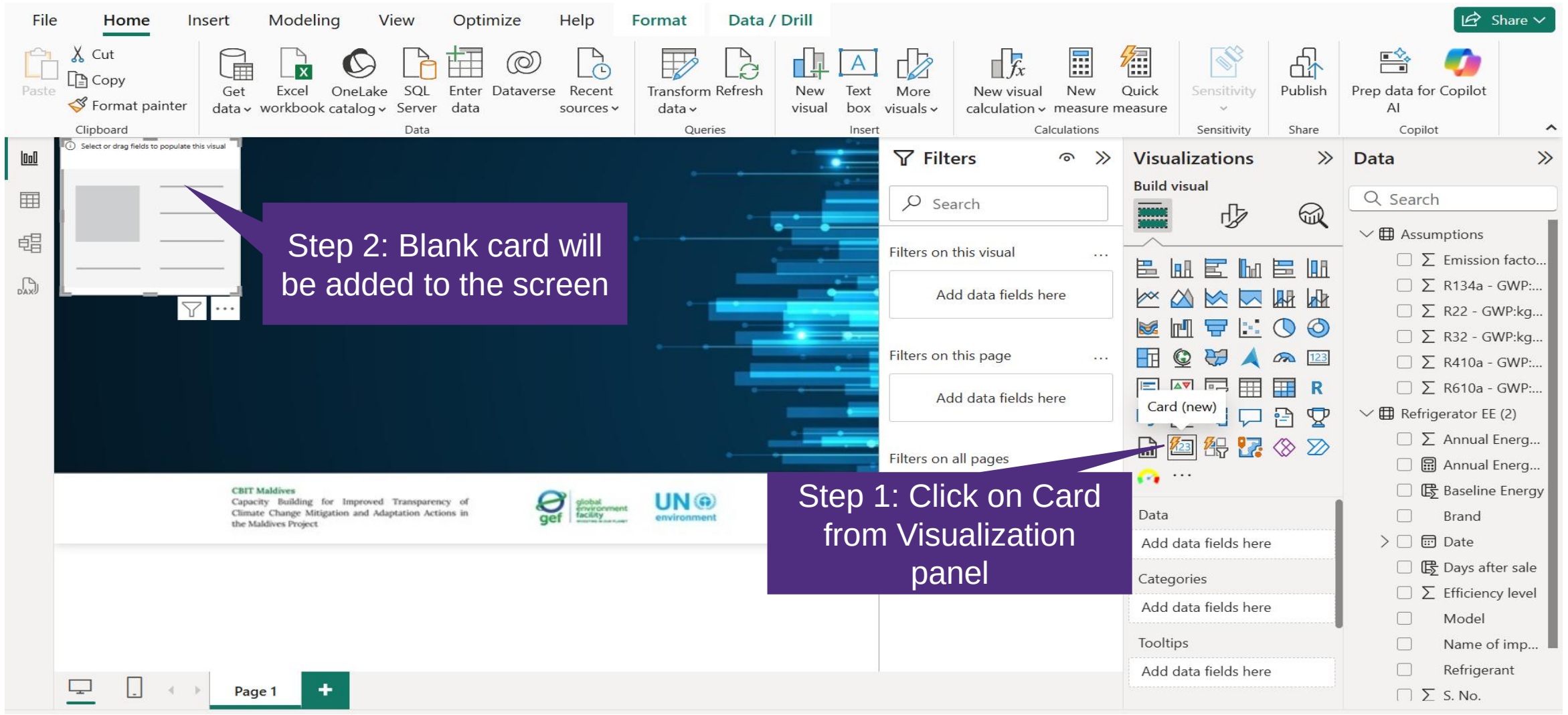
Adding data in Column for cost of the power saving (Maldivian Rufiyaa / kWh)



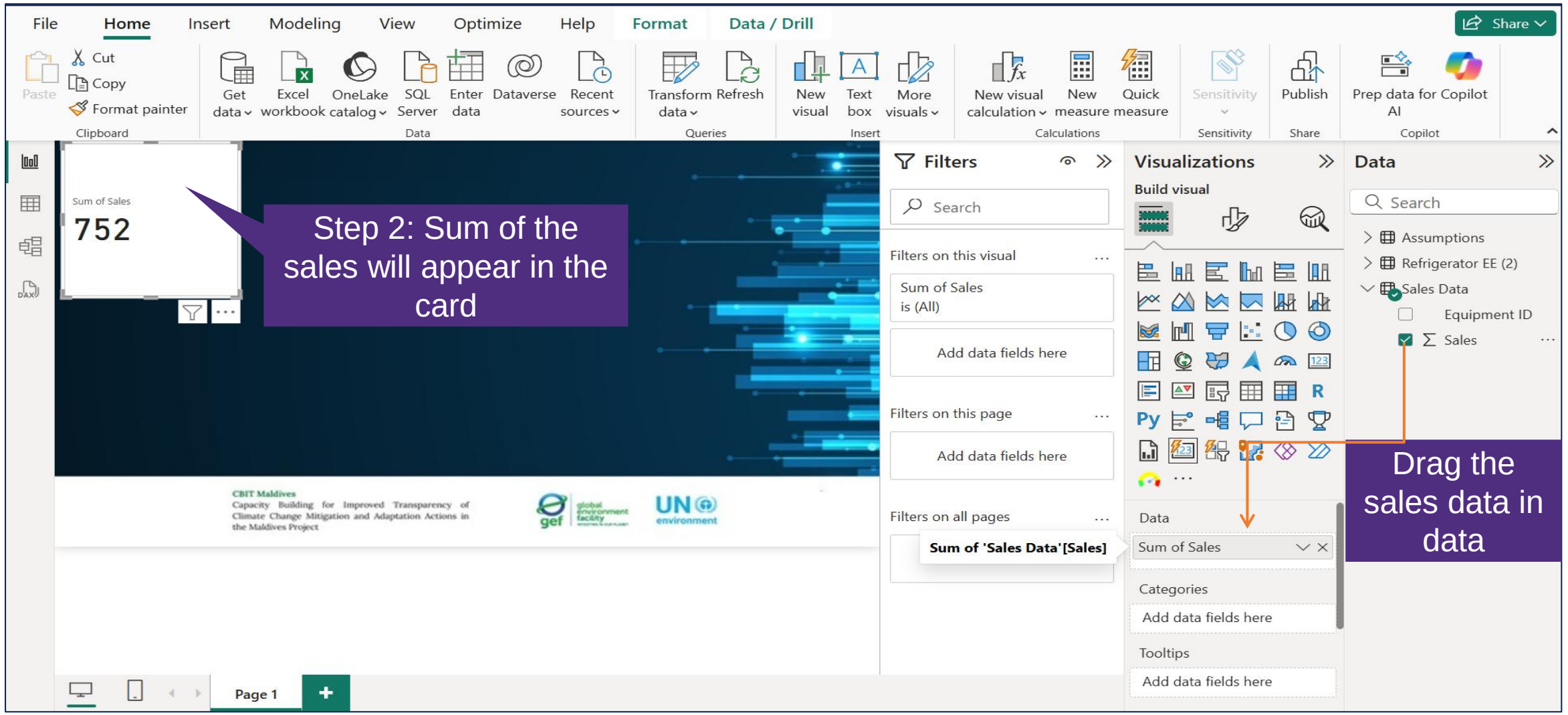
Adding new measure for evaluating cost savings



Preparing Dashboard



Preparing Dashboard



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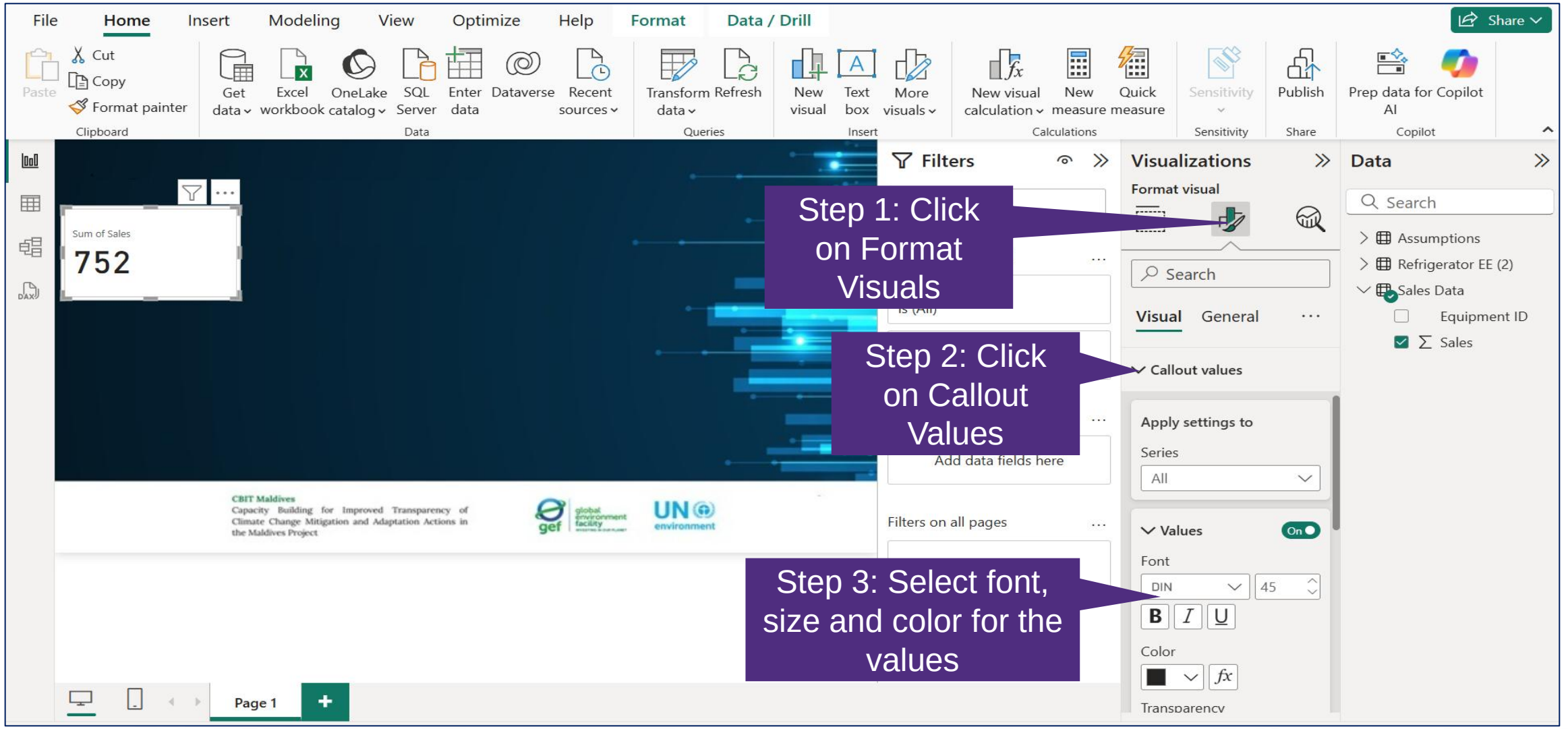

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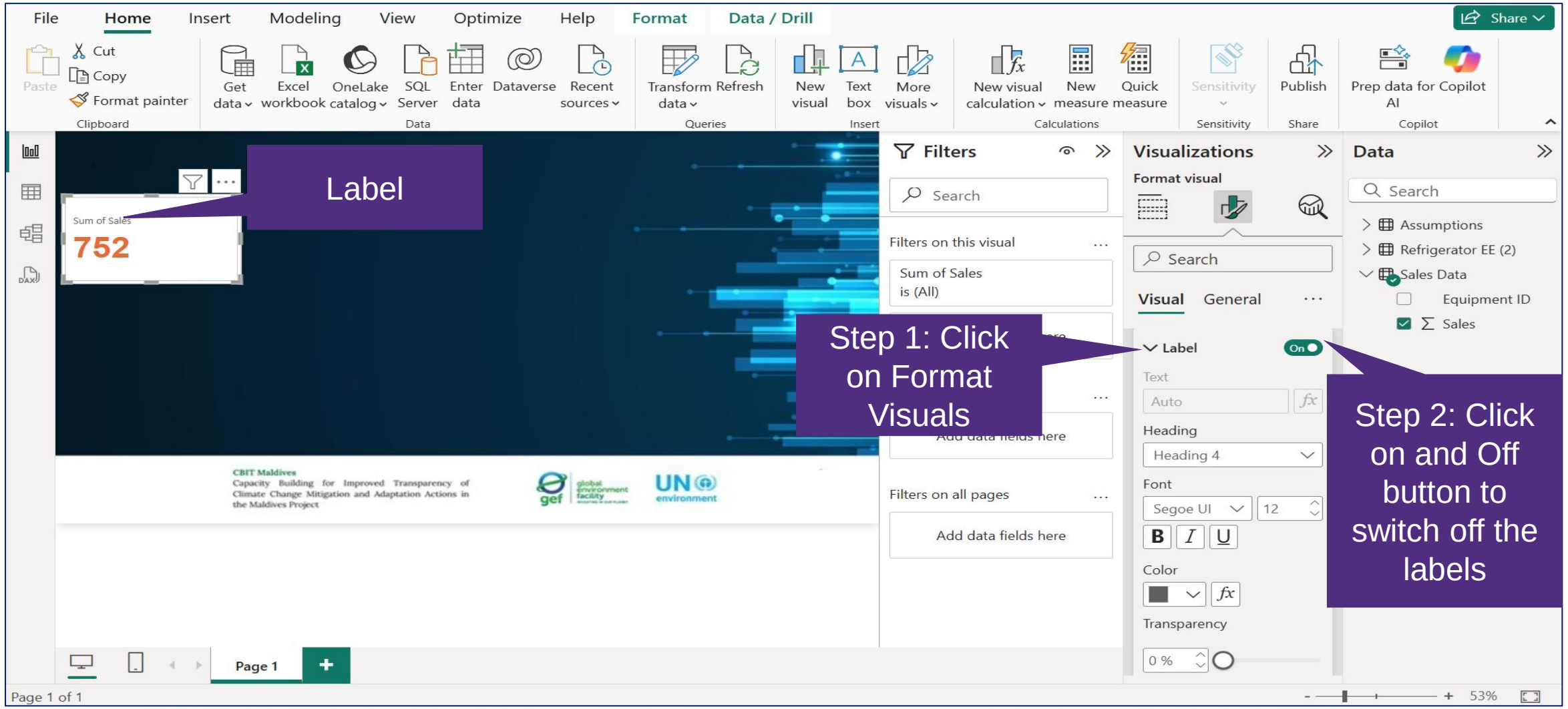

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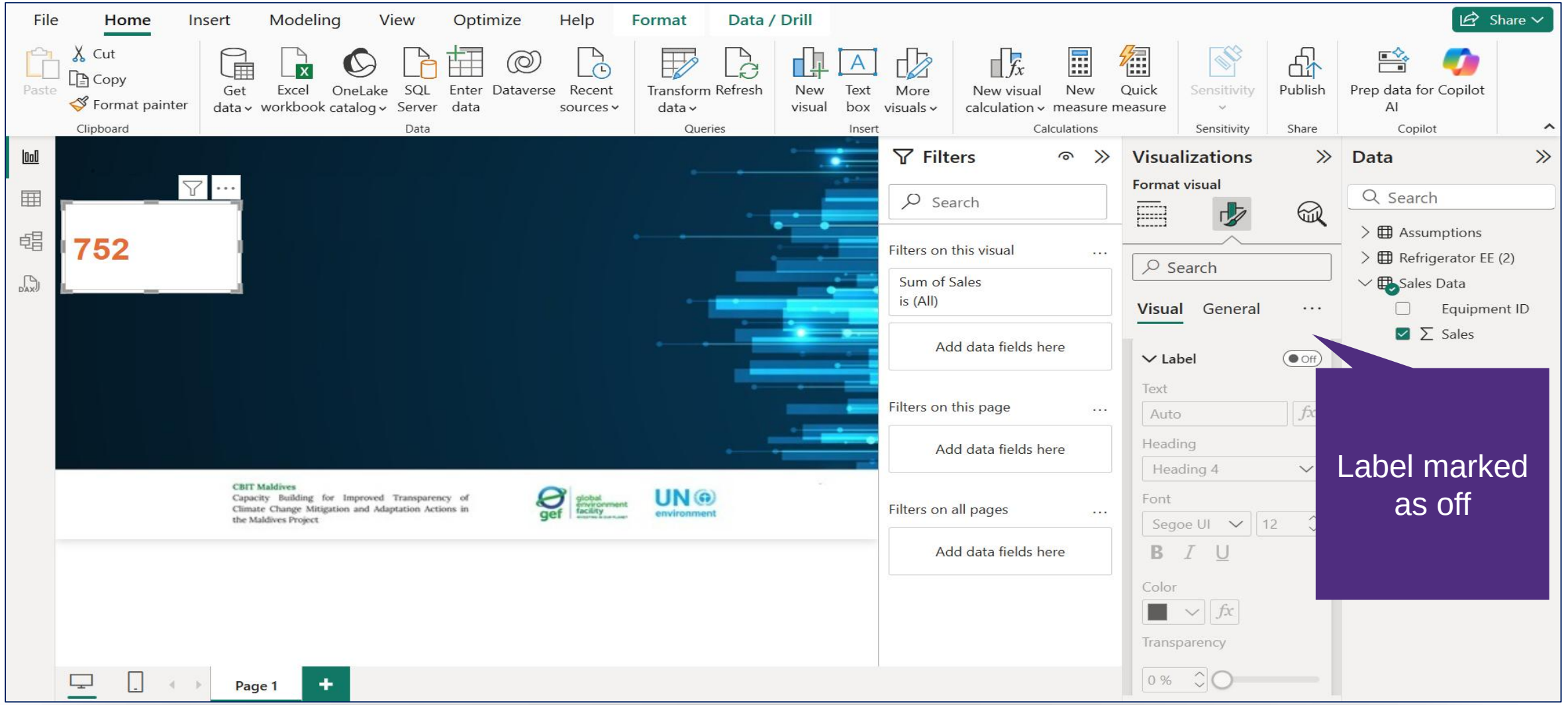
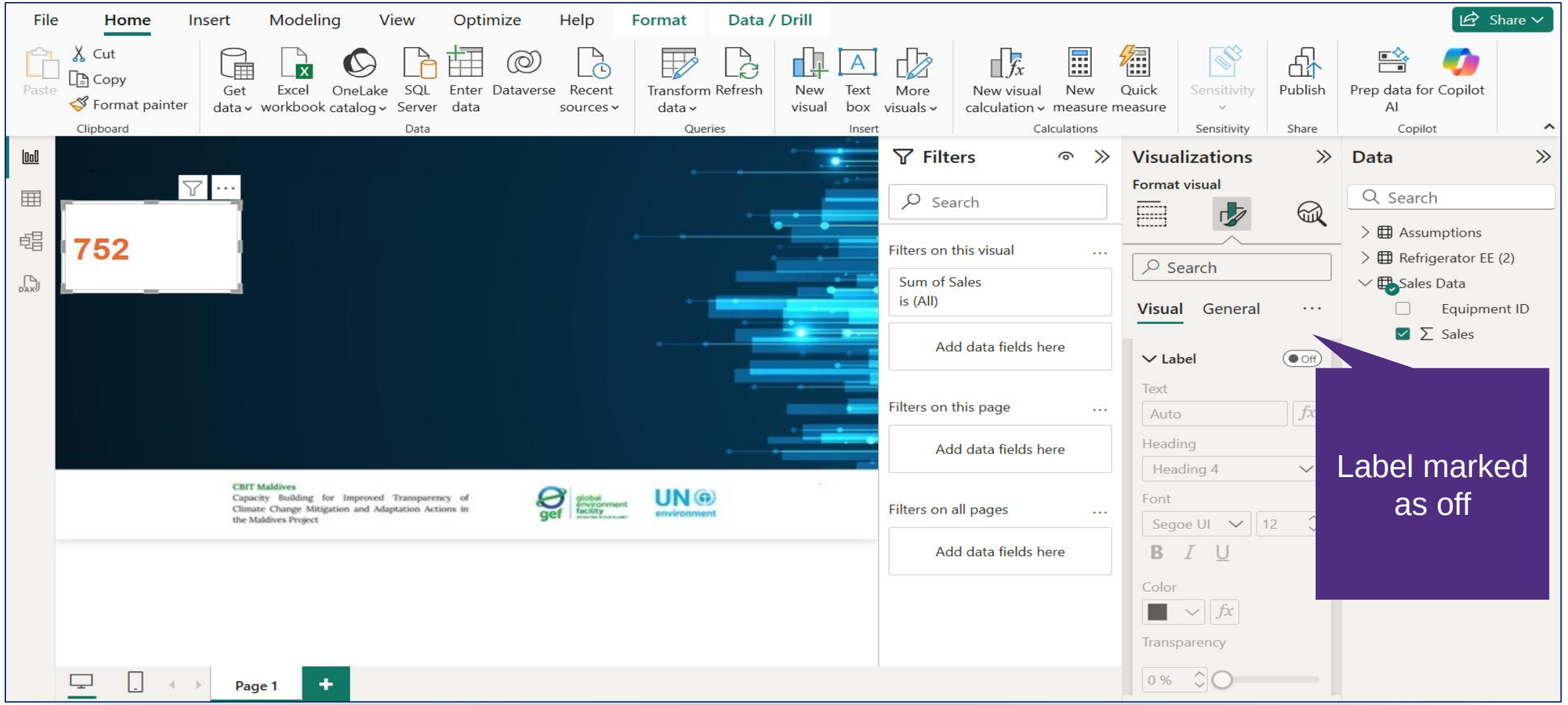
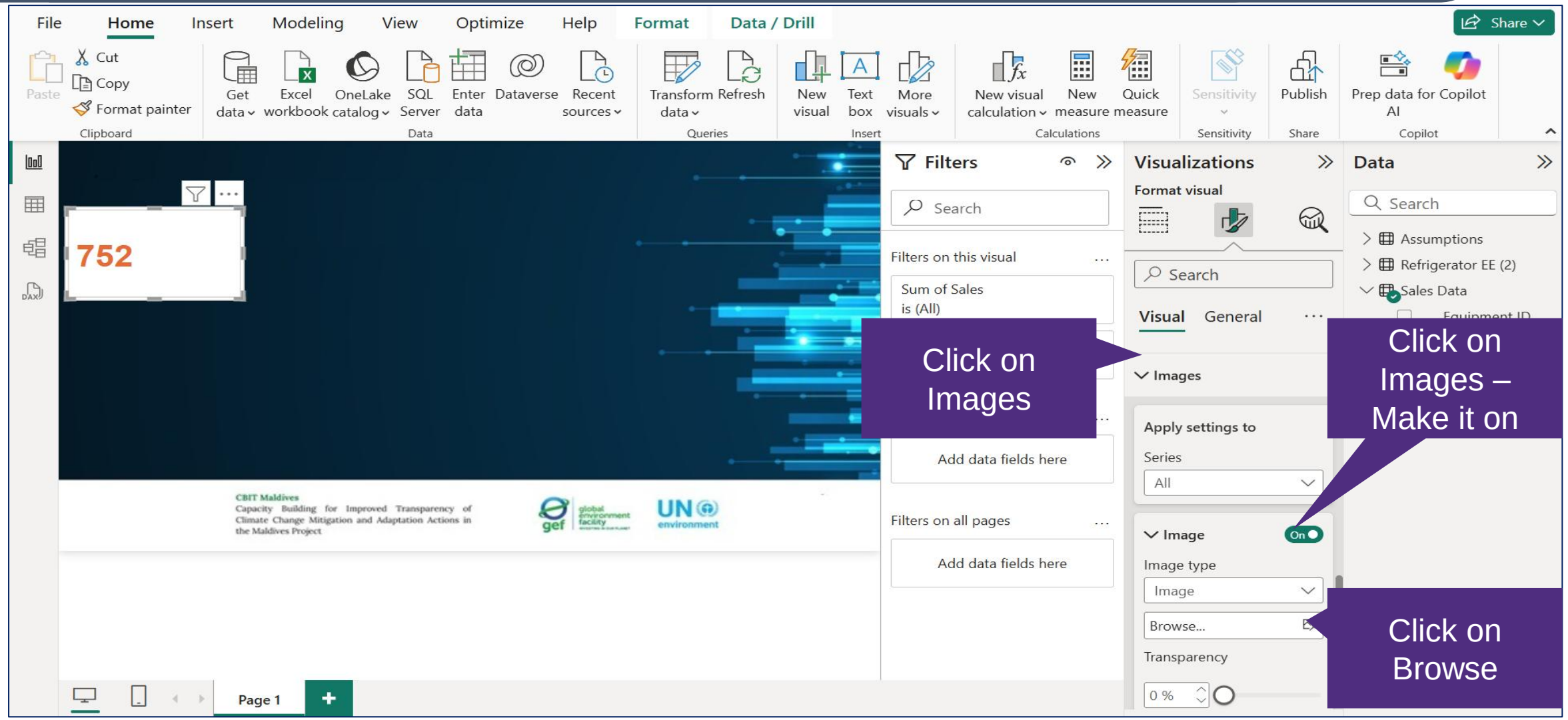


Preparing Dashboard



Preparing Dashboard



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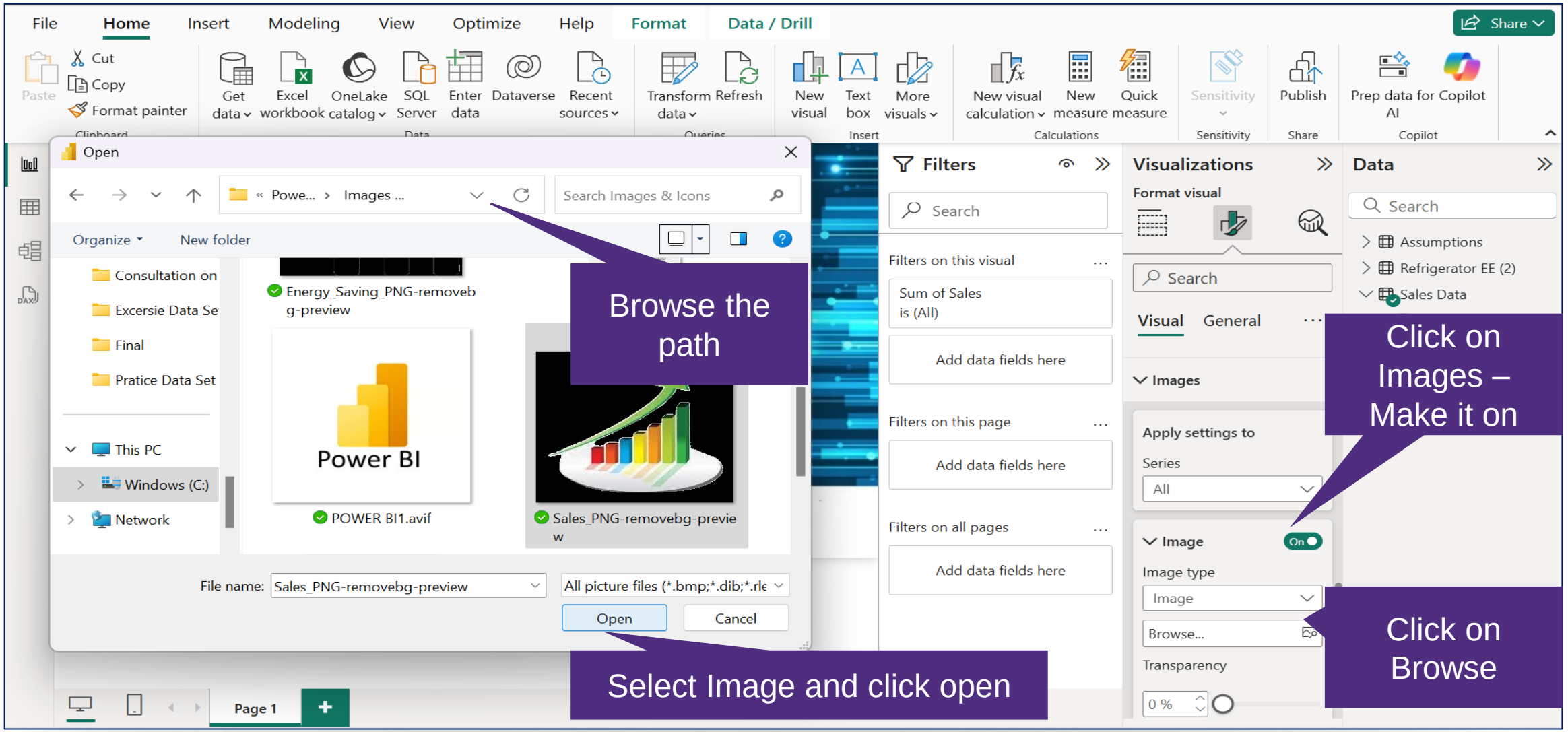

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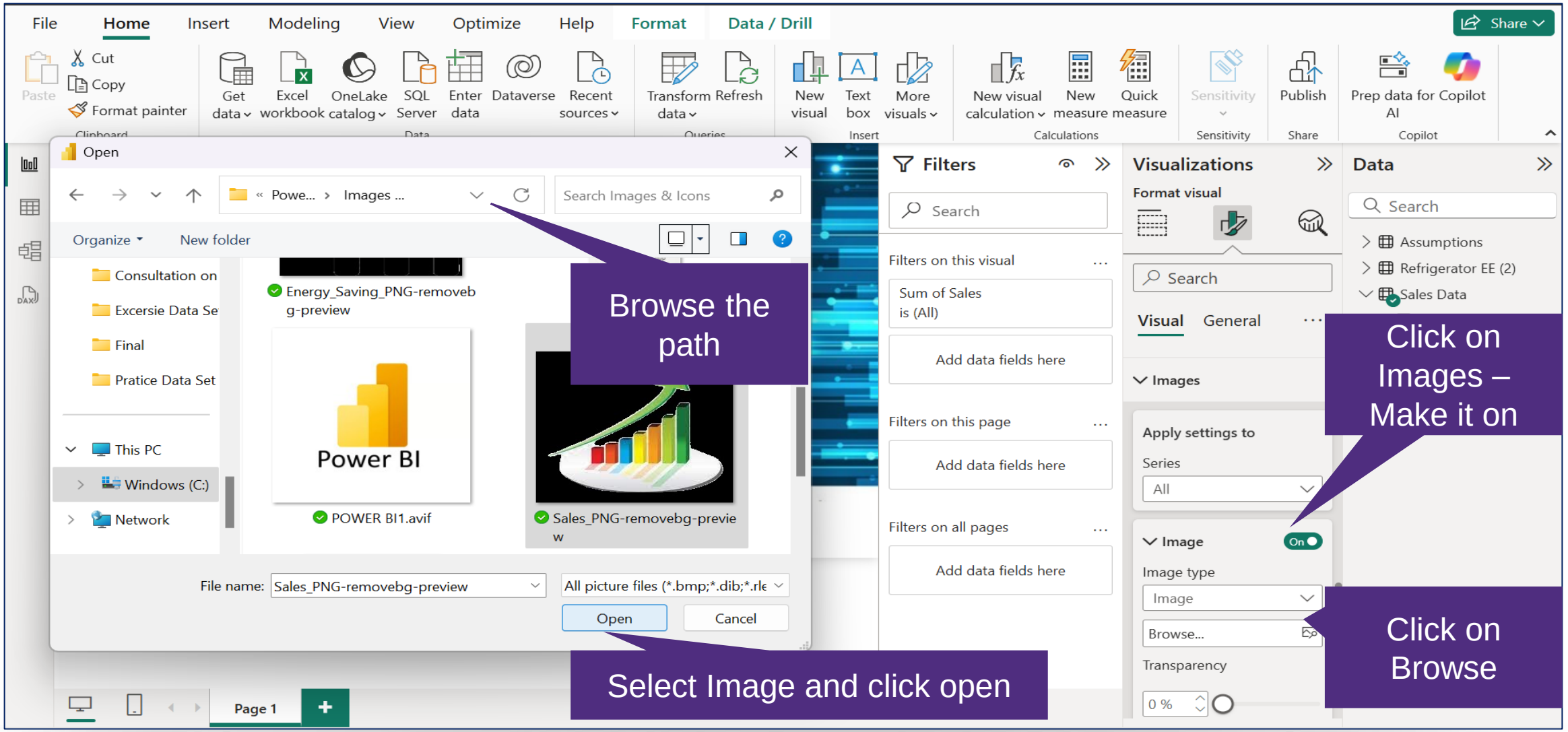
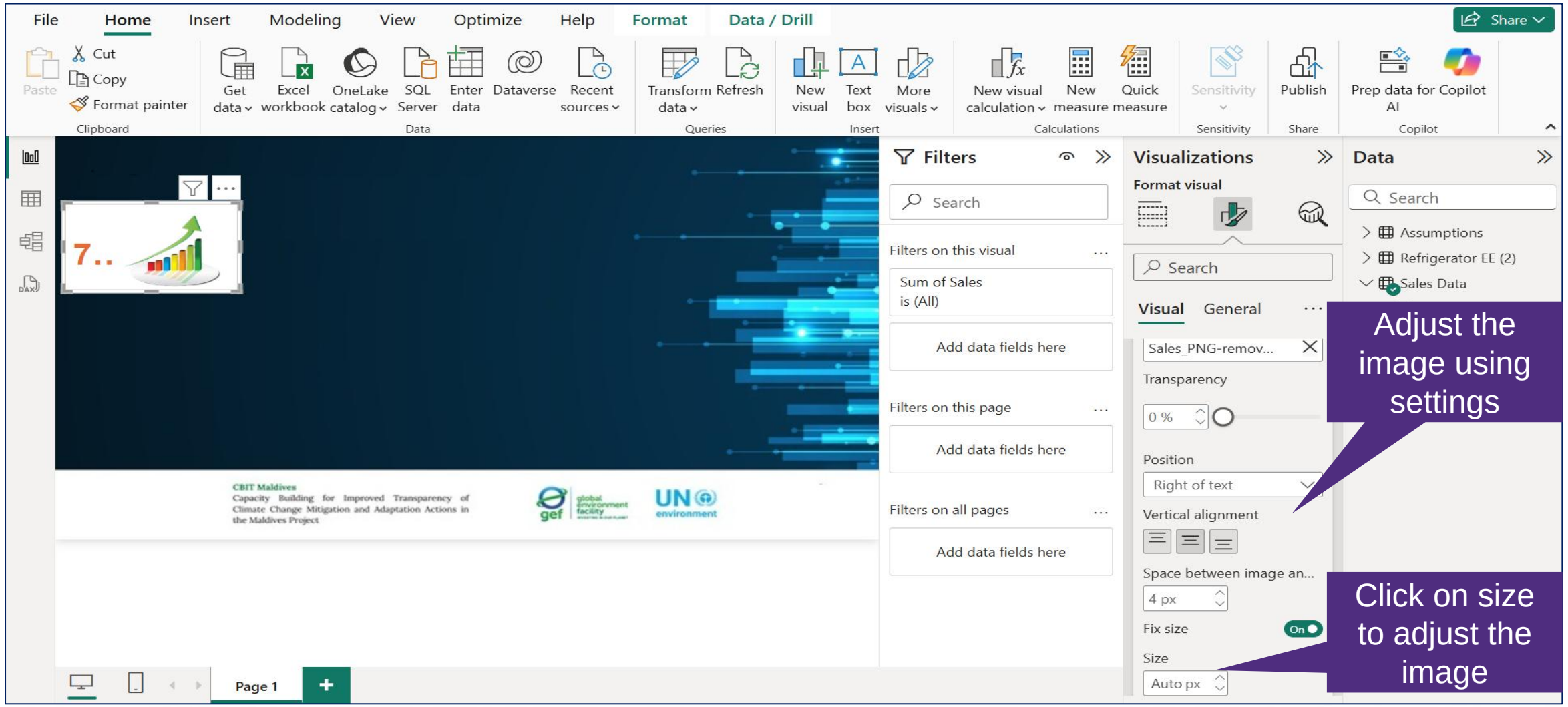
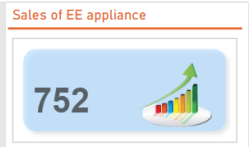
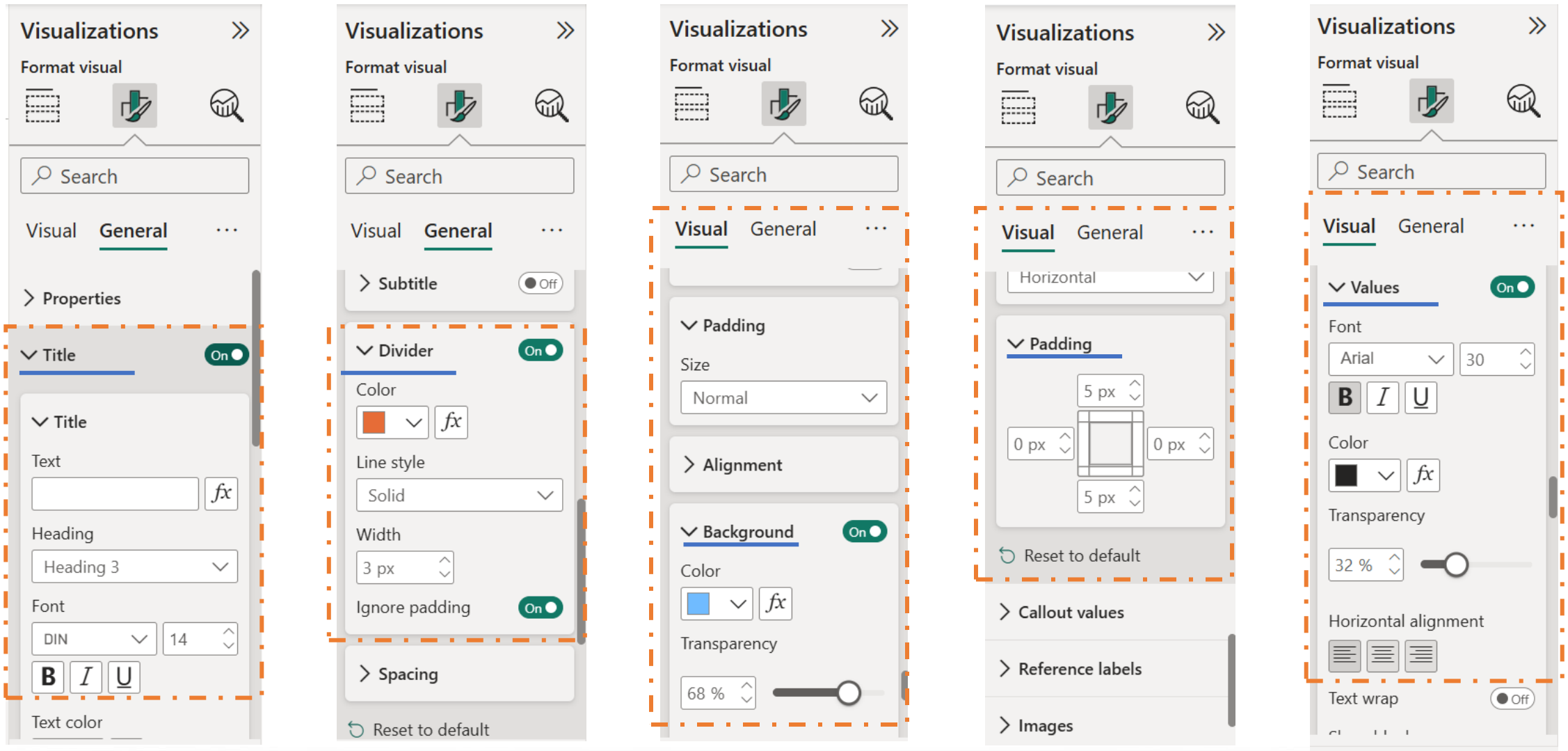


Preparing Dashboard

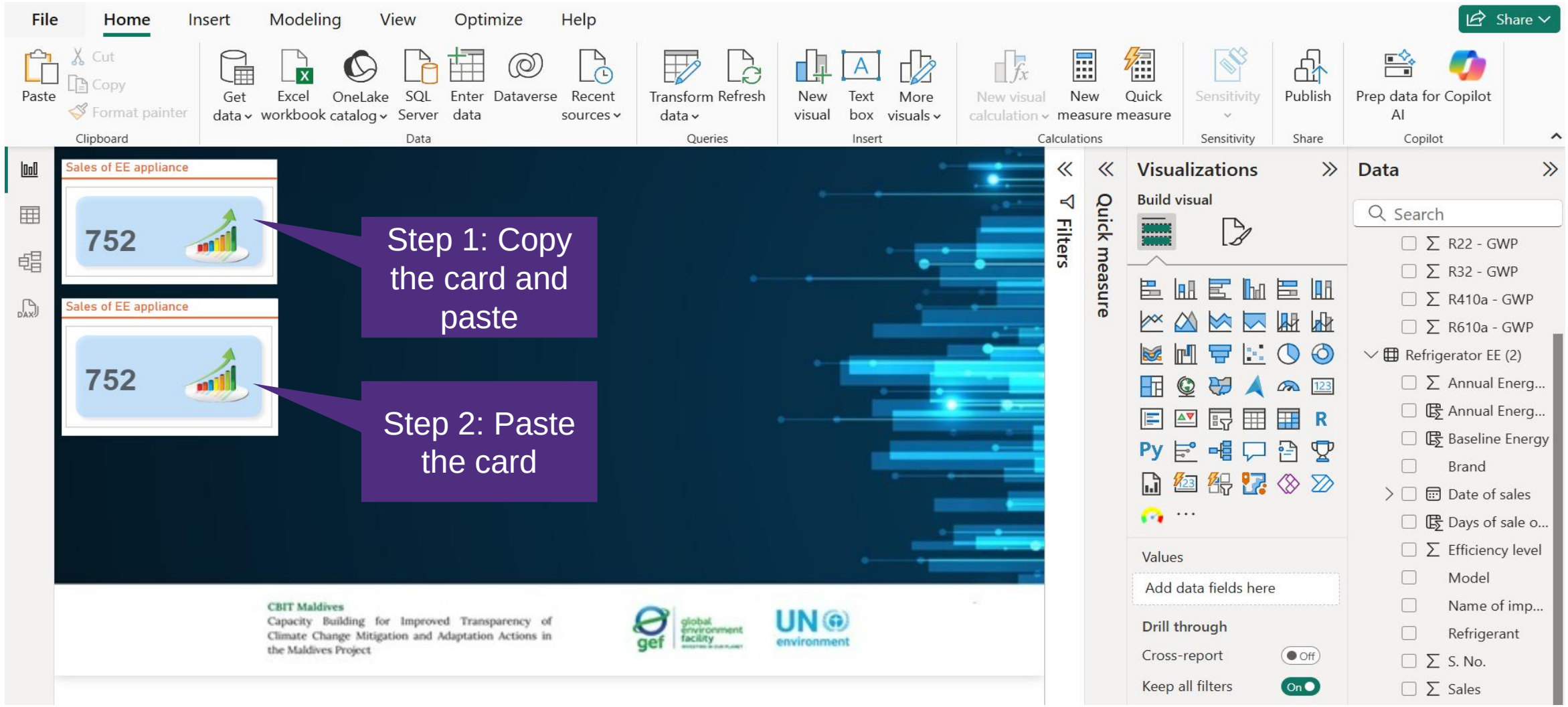


Formatting the Visual

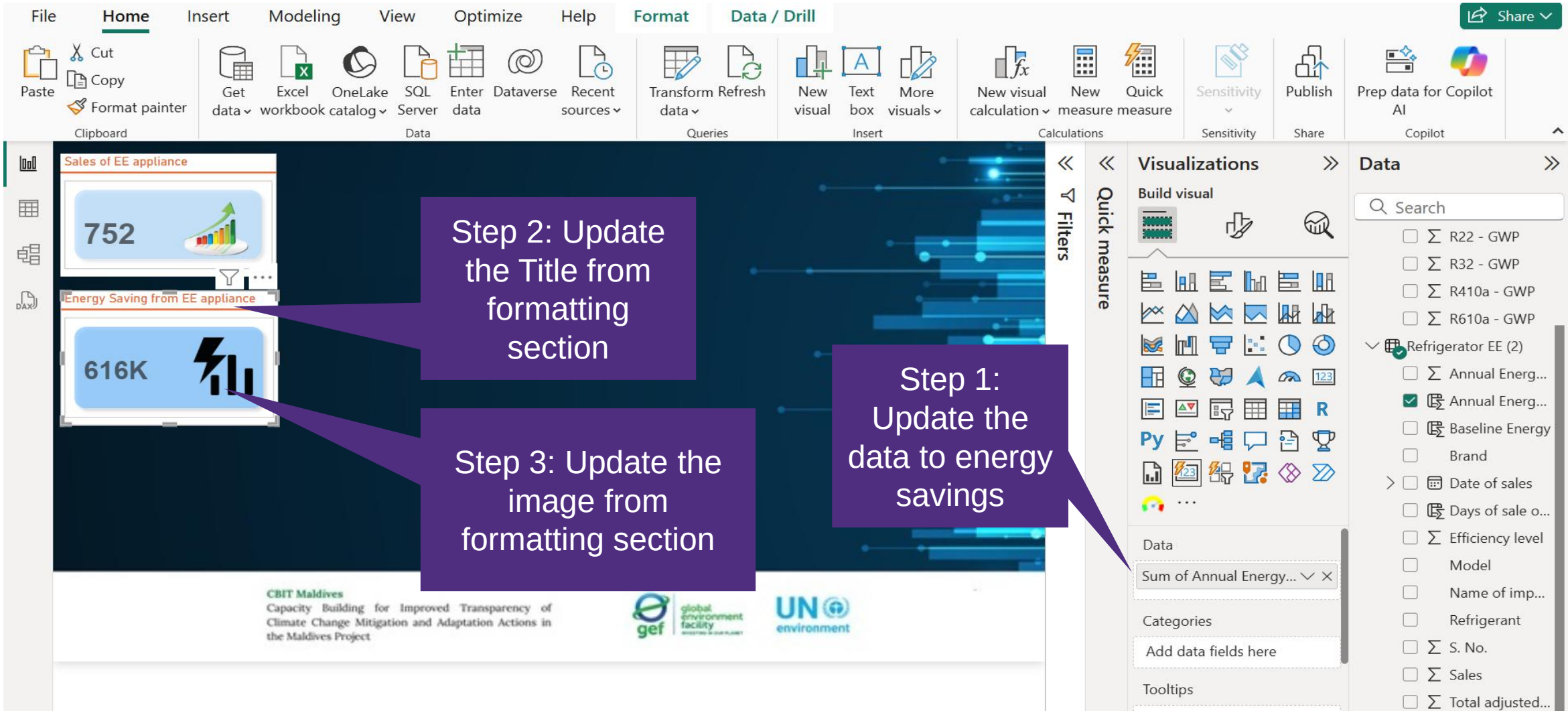




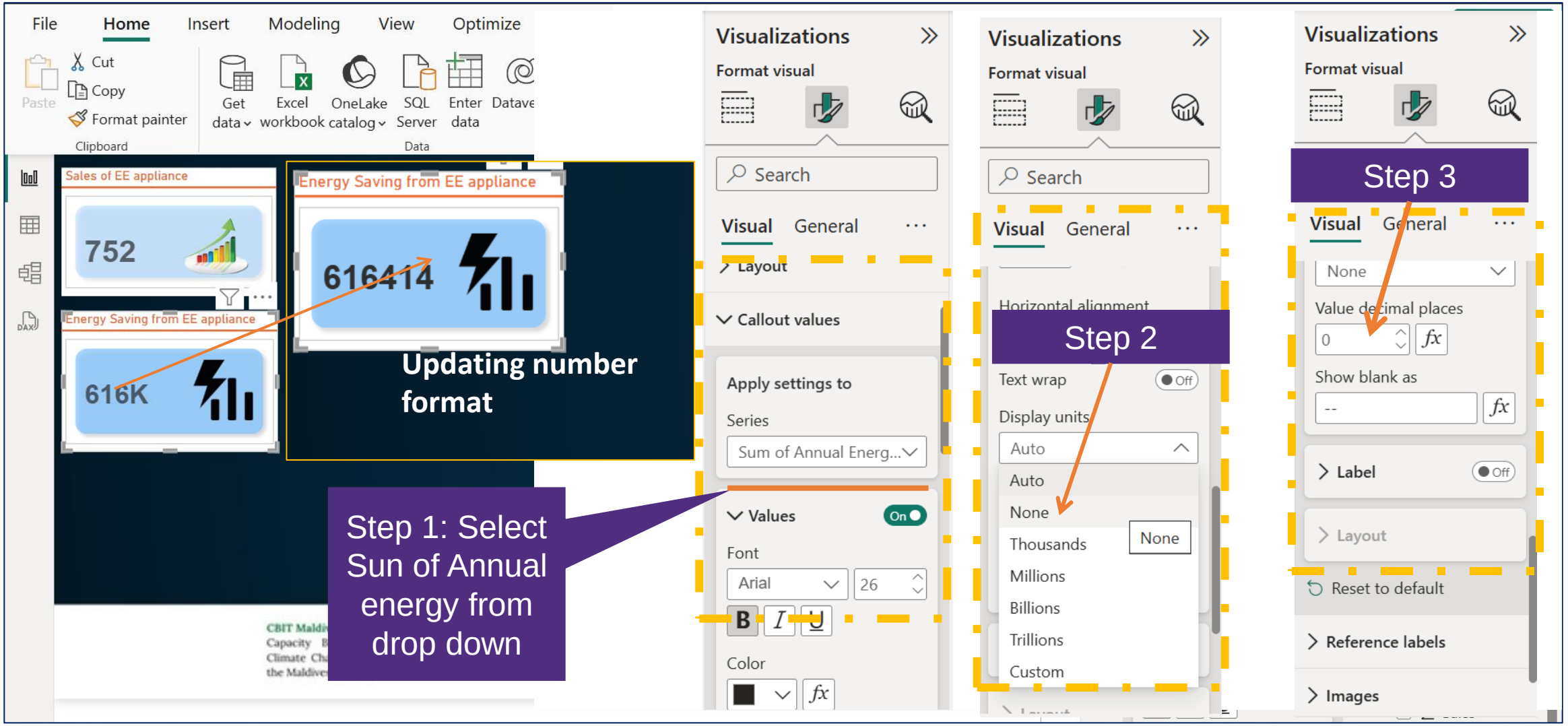
Preparing Dashboard



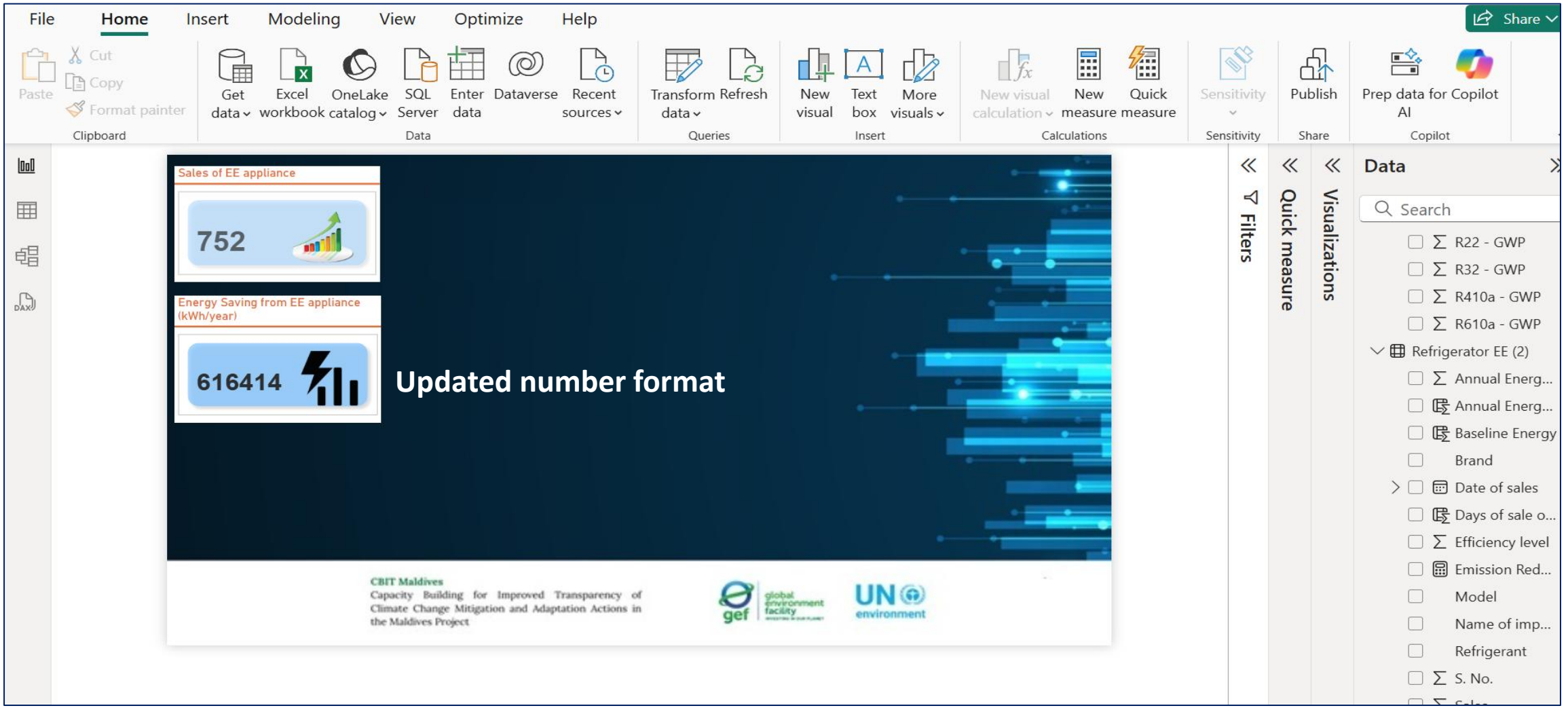
Preparing Dashboard



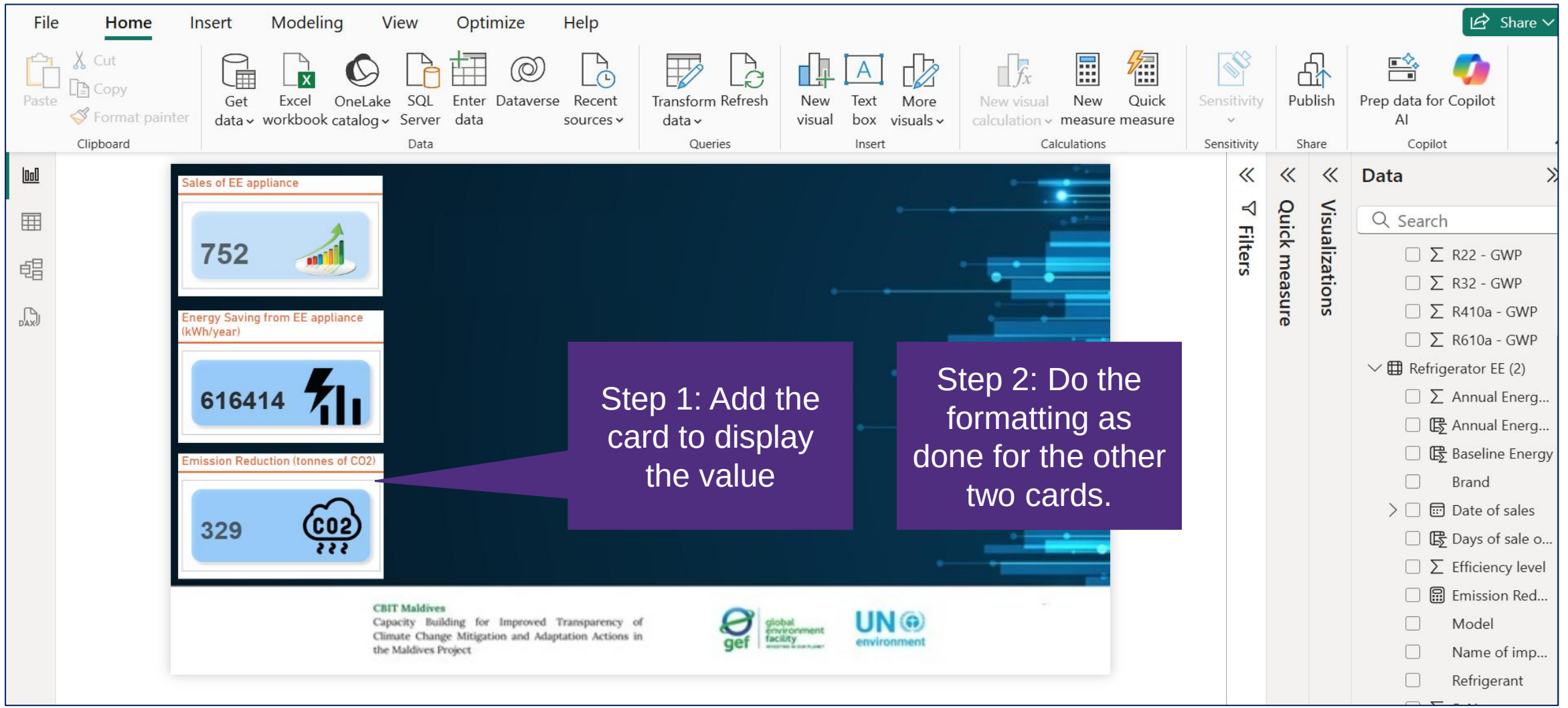
Updating Number format



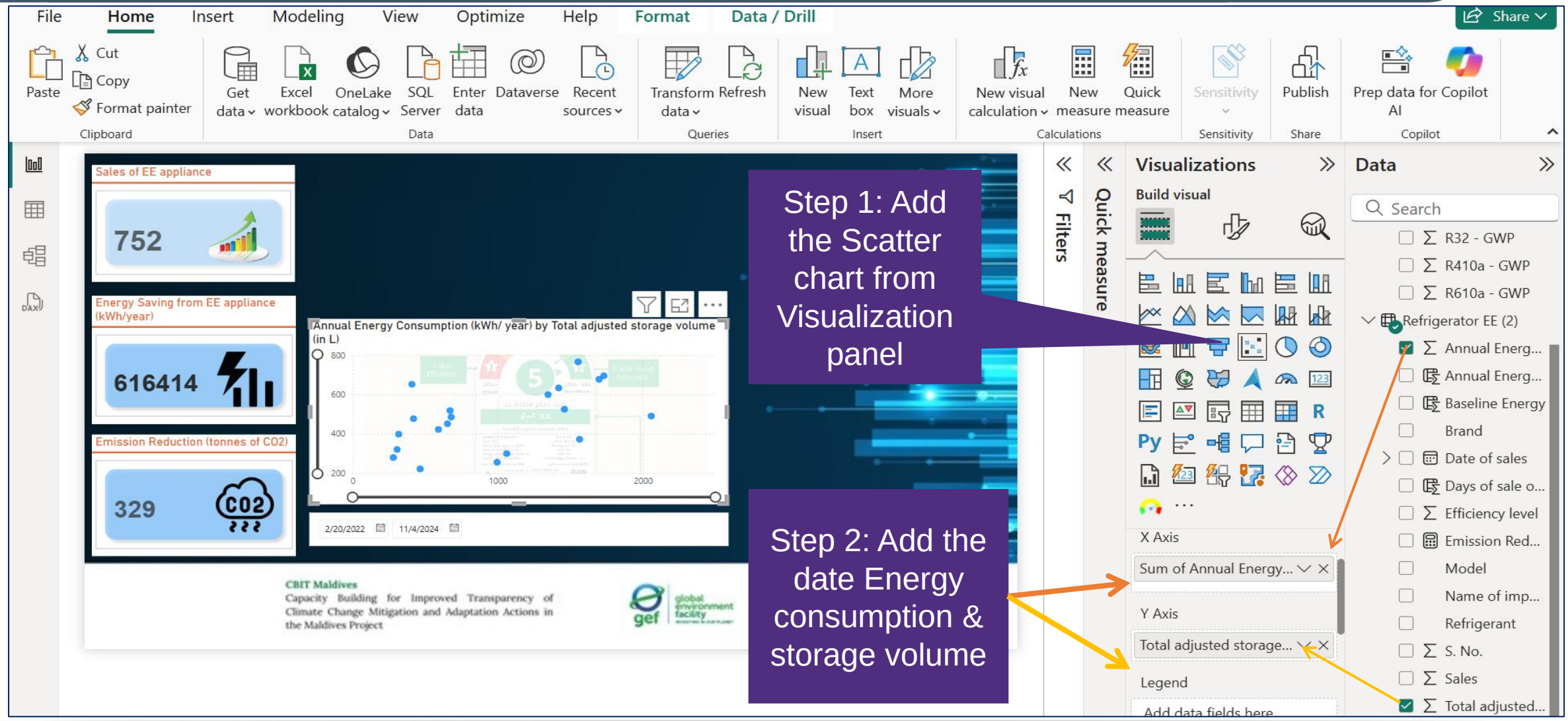
Updating Number format



Preparing Dashboard



Adding Scatter Chart



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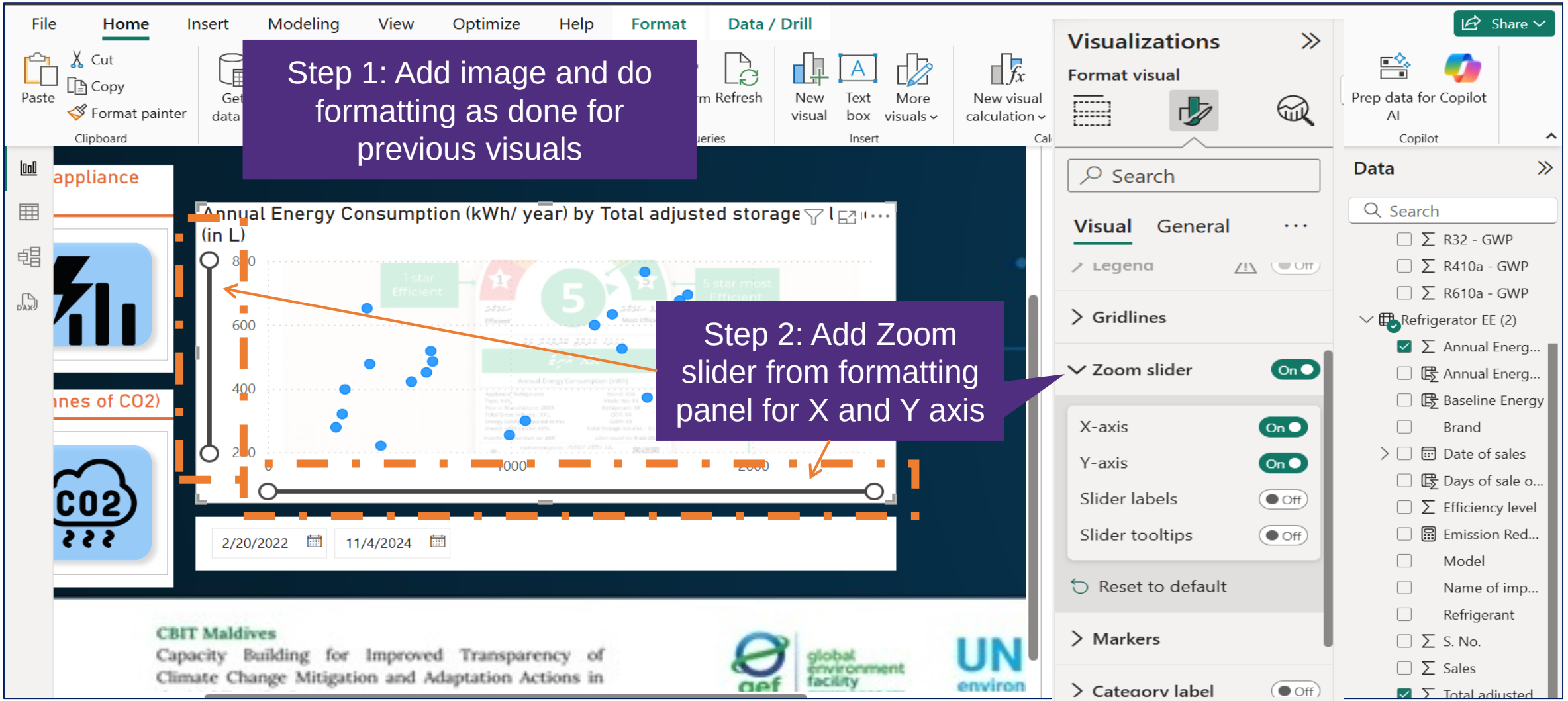

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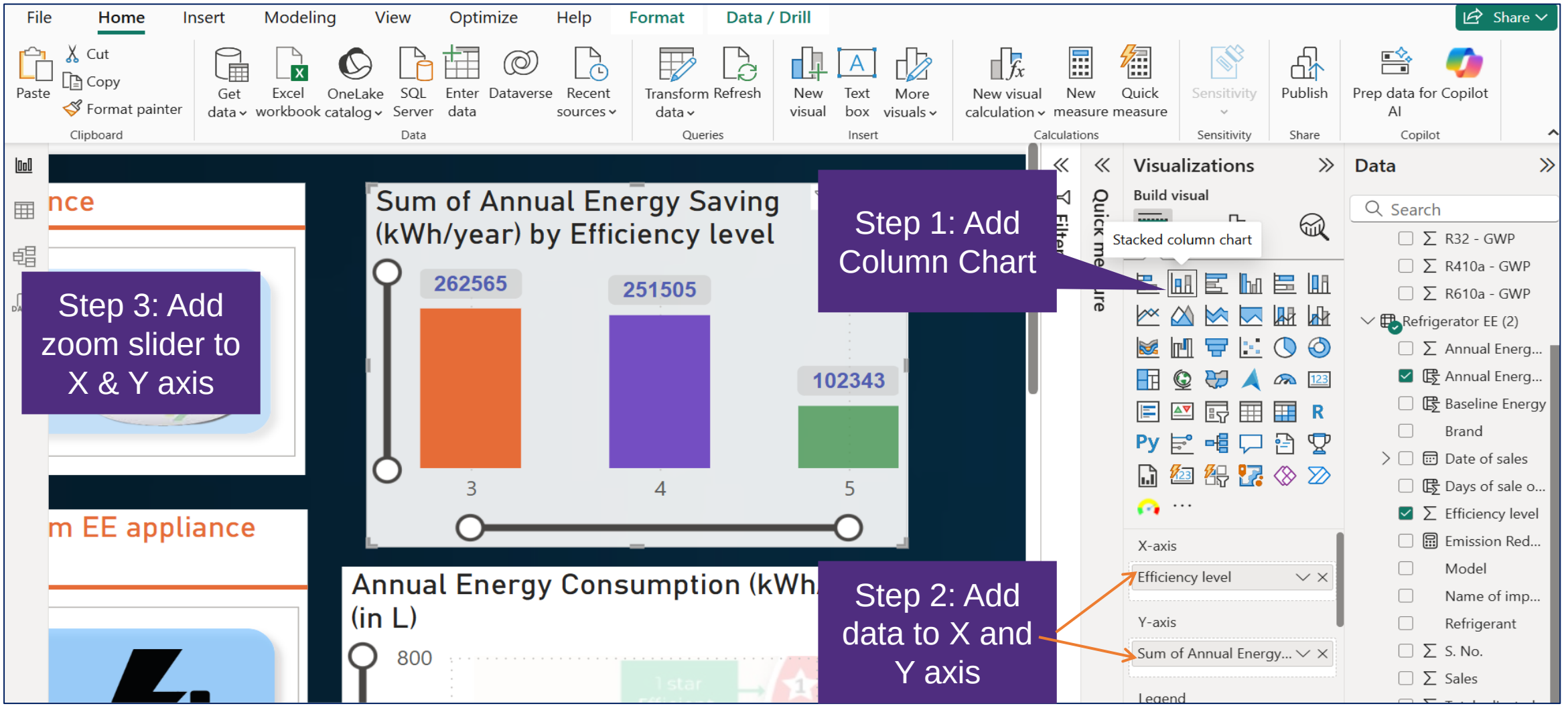

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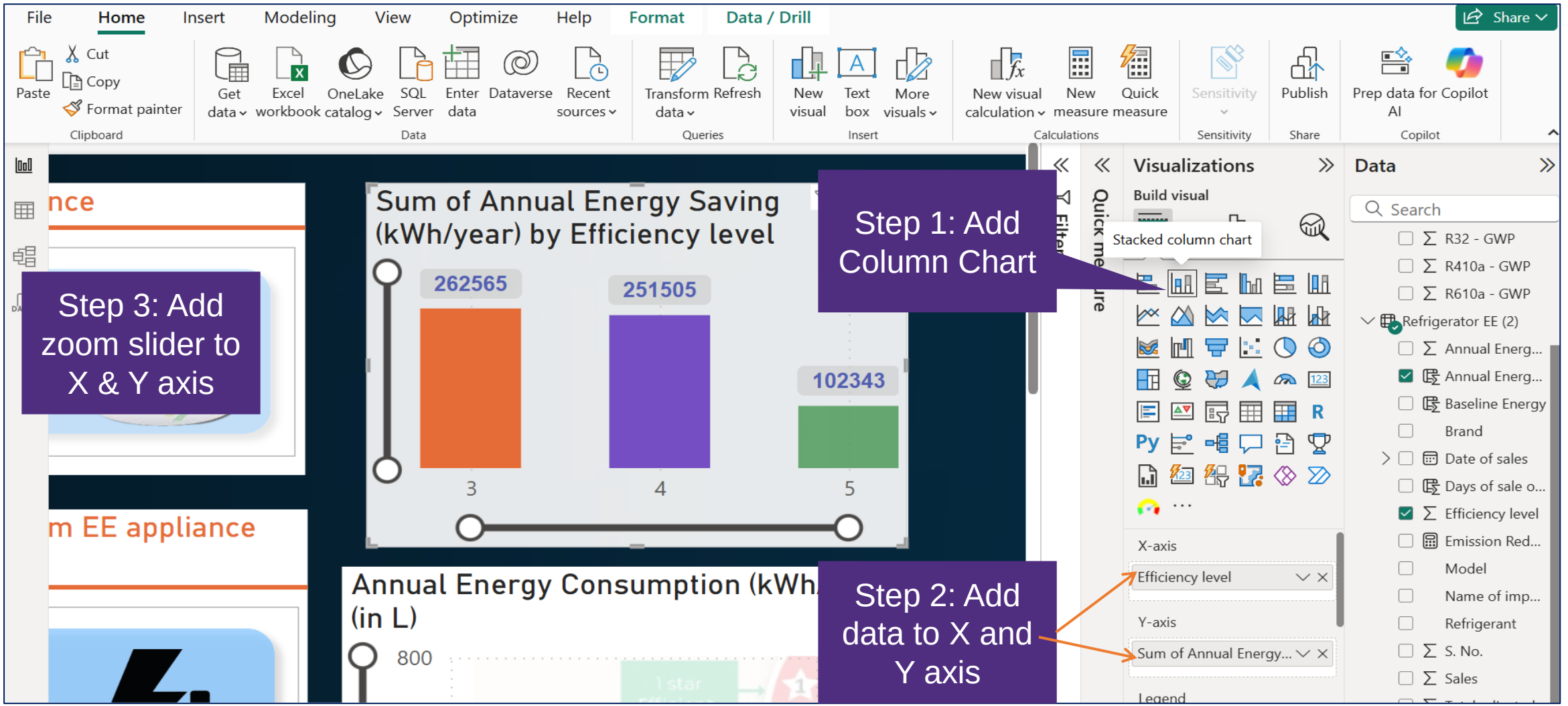

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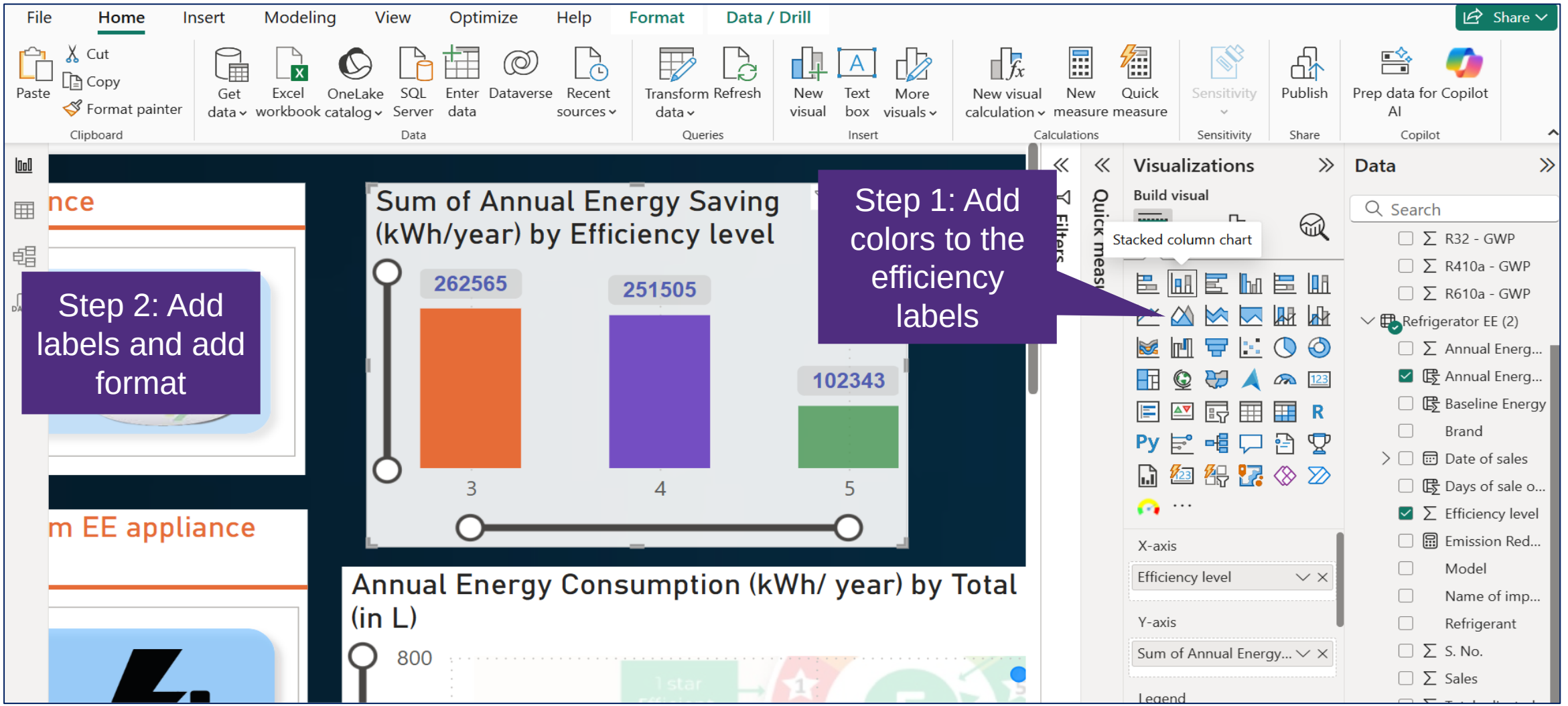

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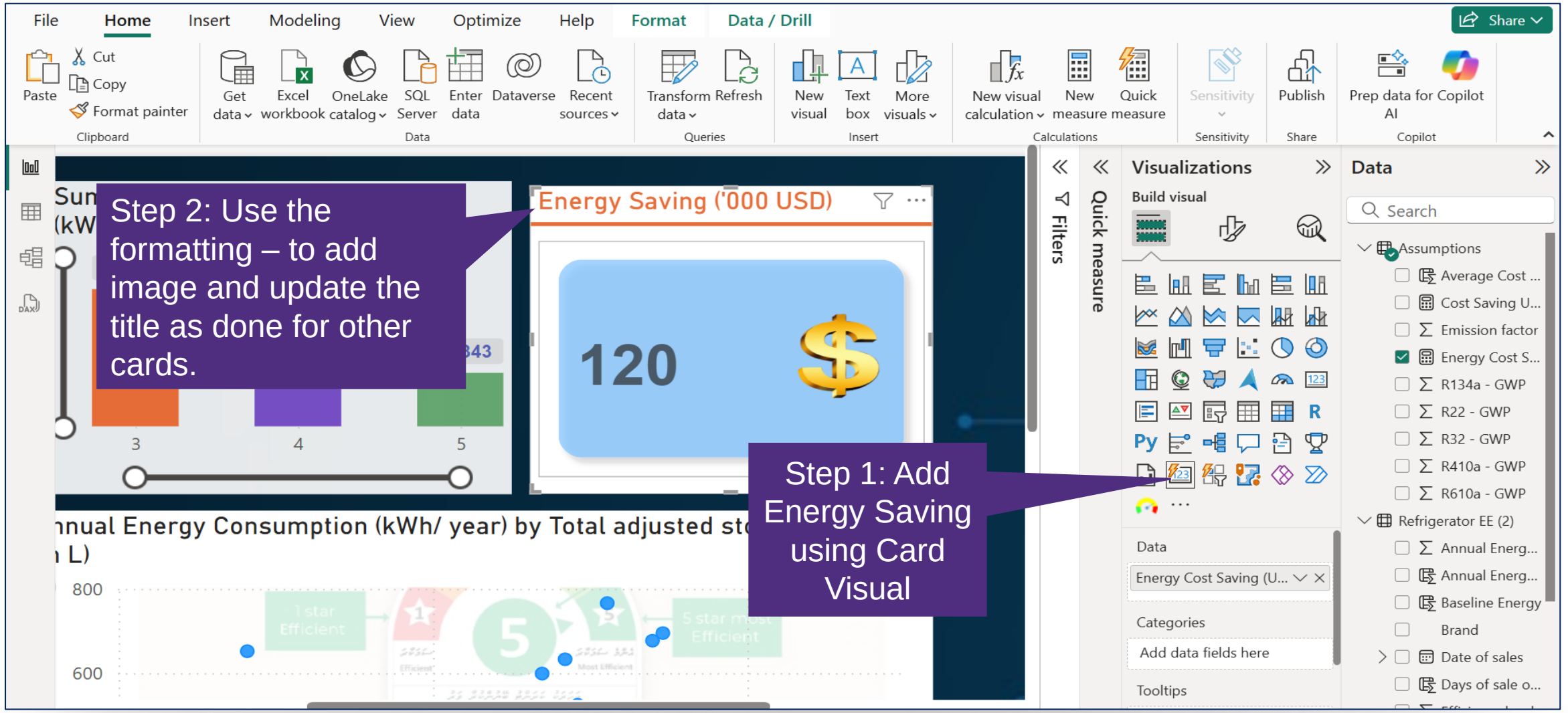
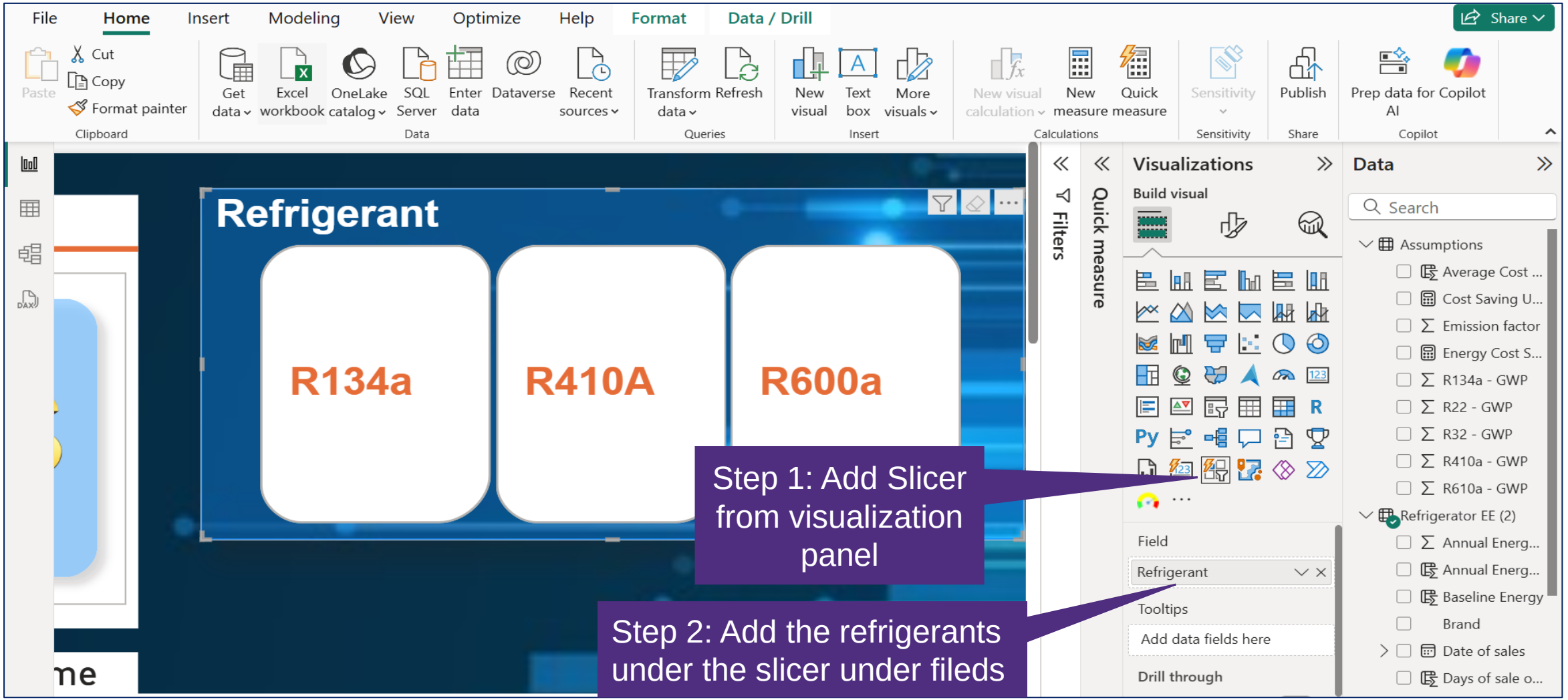


Adding Slices and Drill Down



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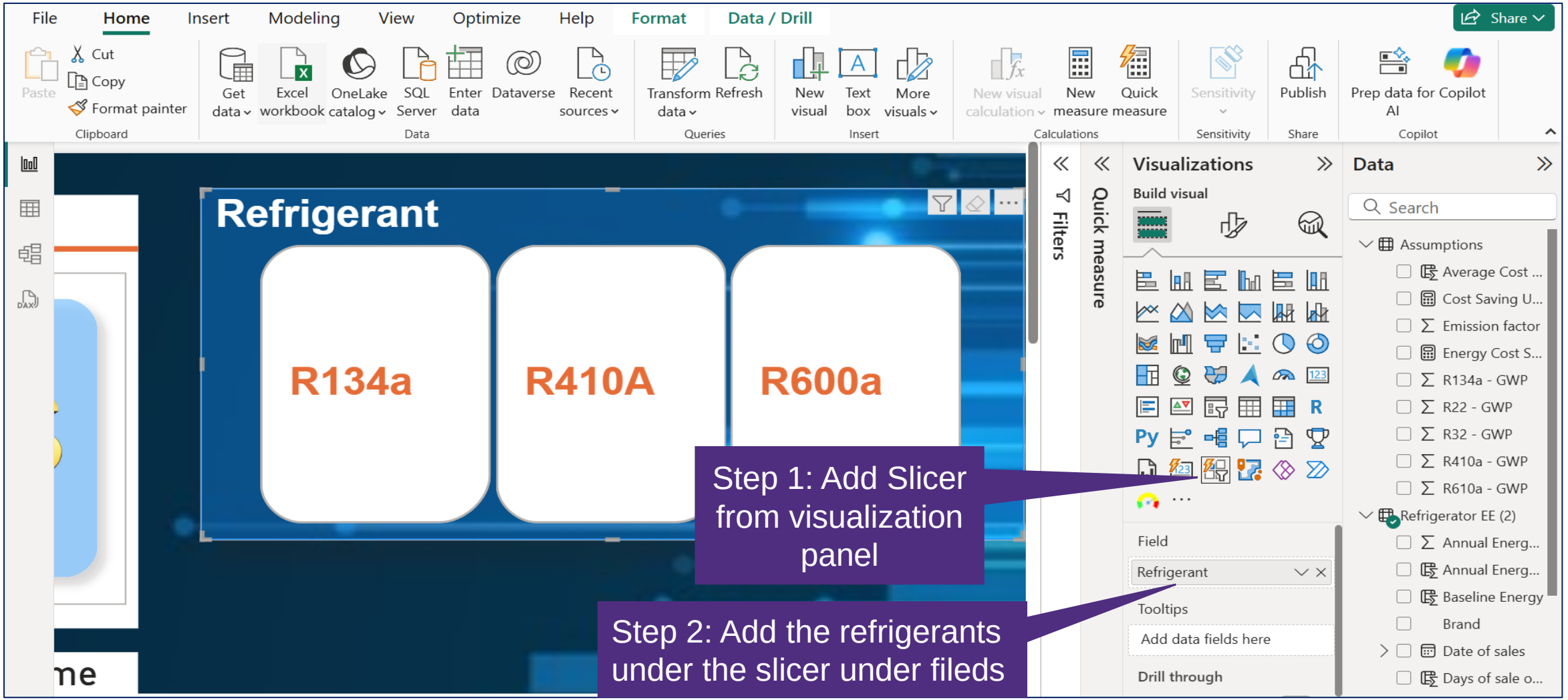
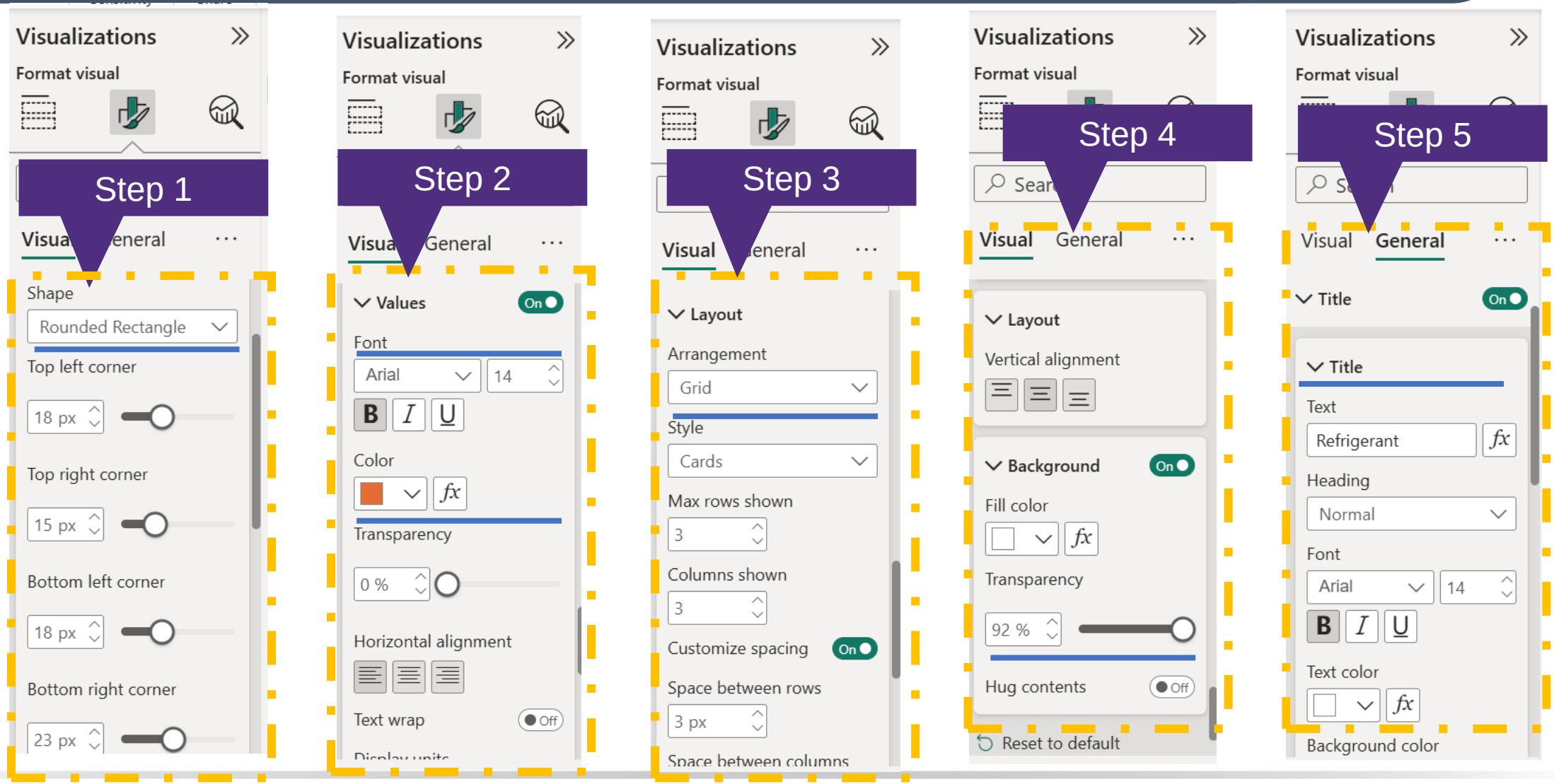
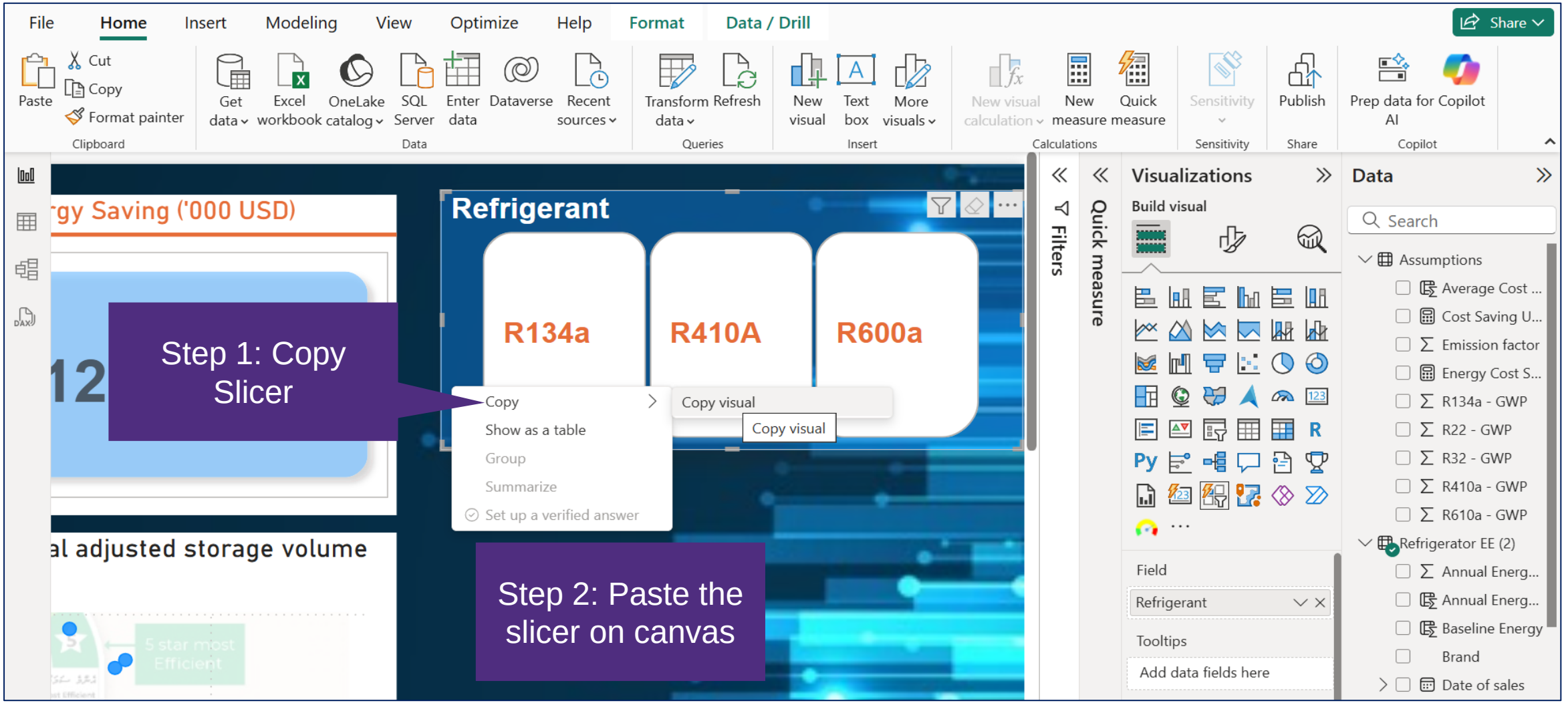


Formatting Slices



Adding new Slices



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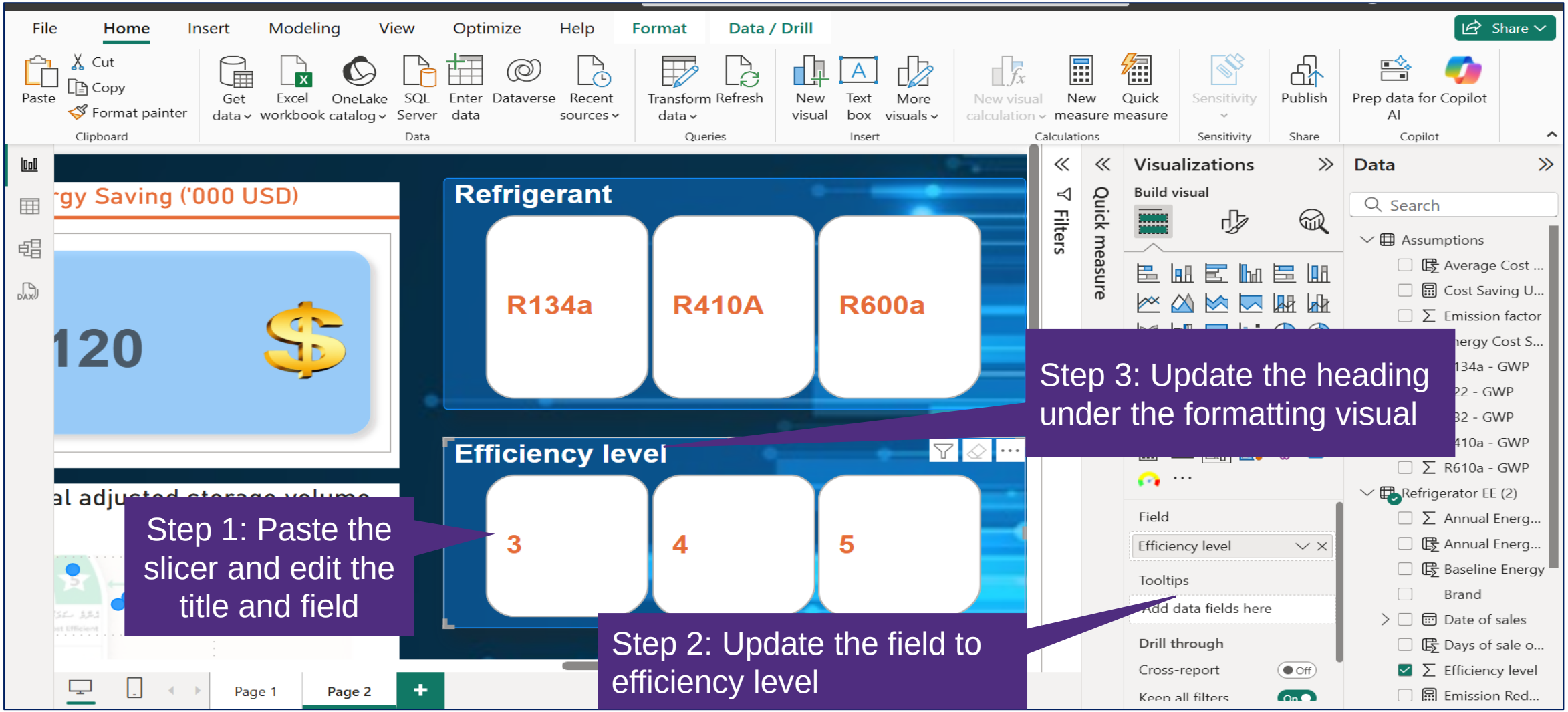

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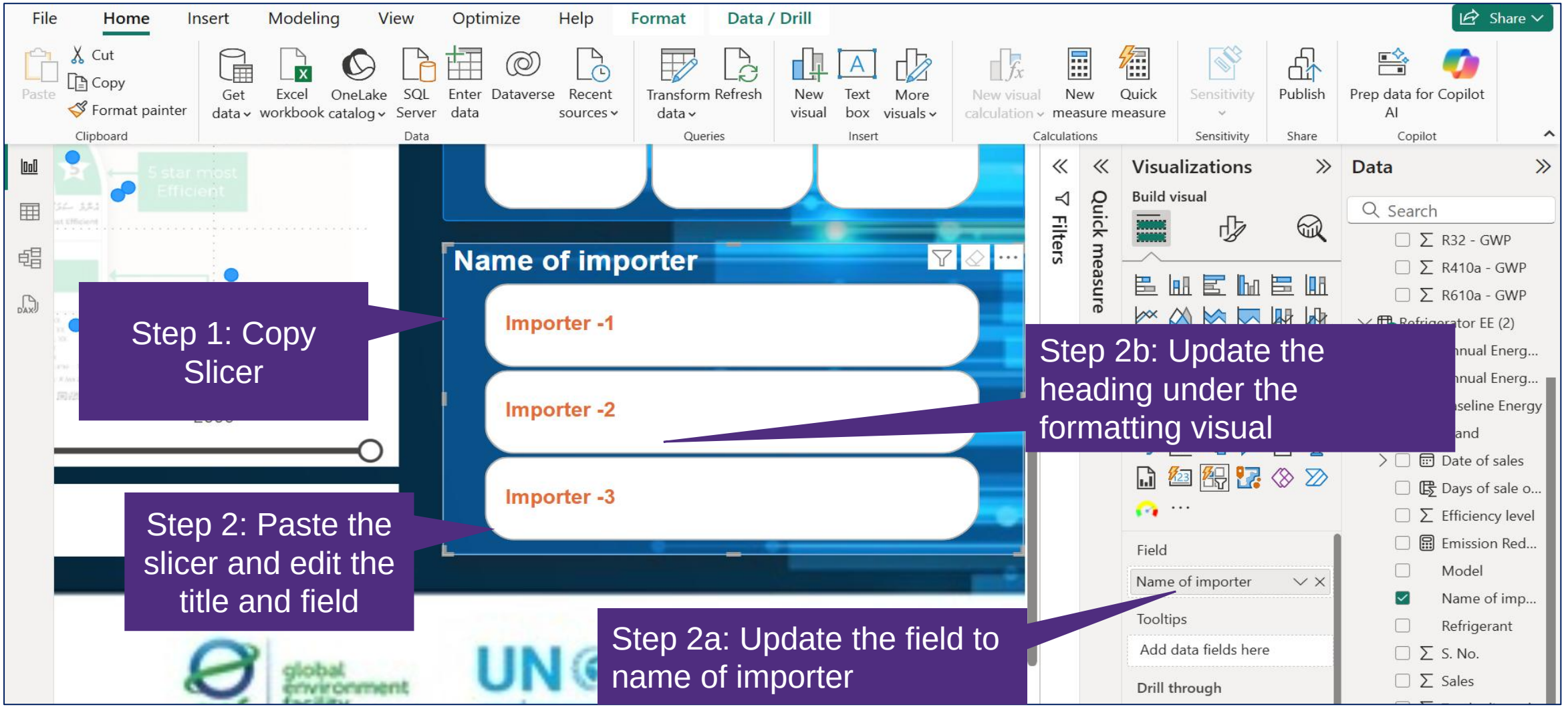
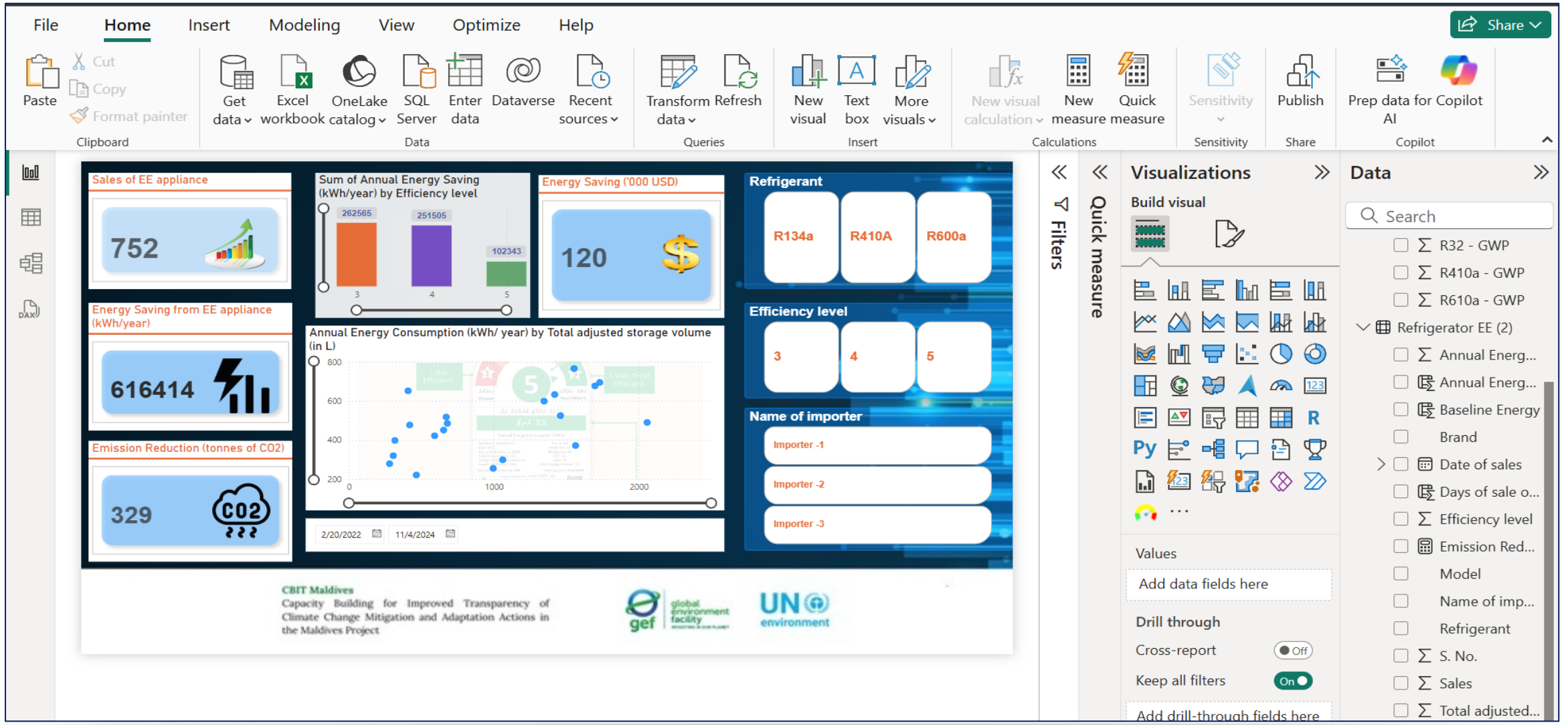
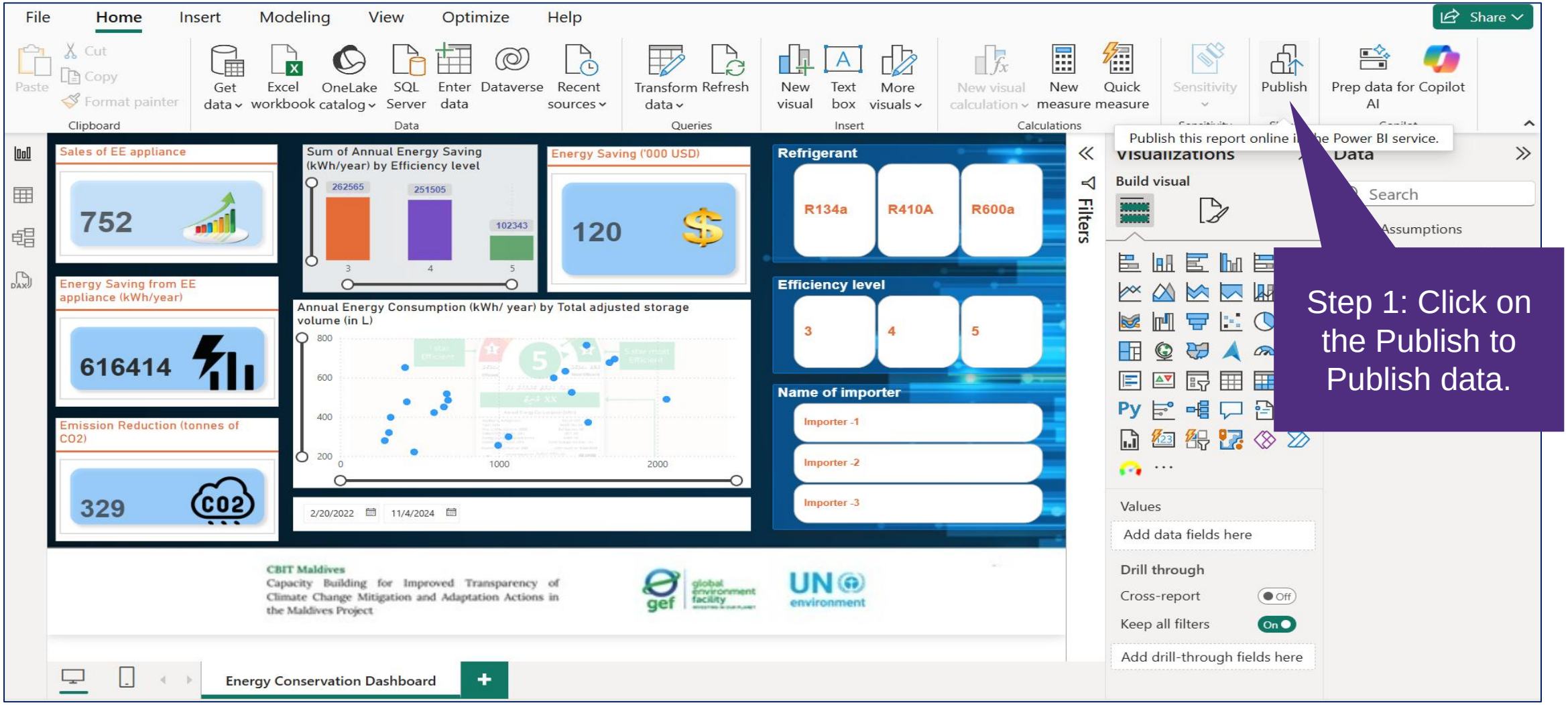


Final Dashboard



Publishing data



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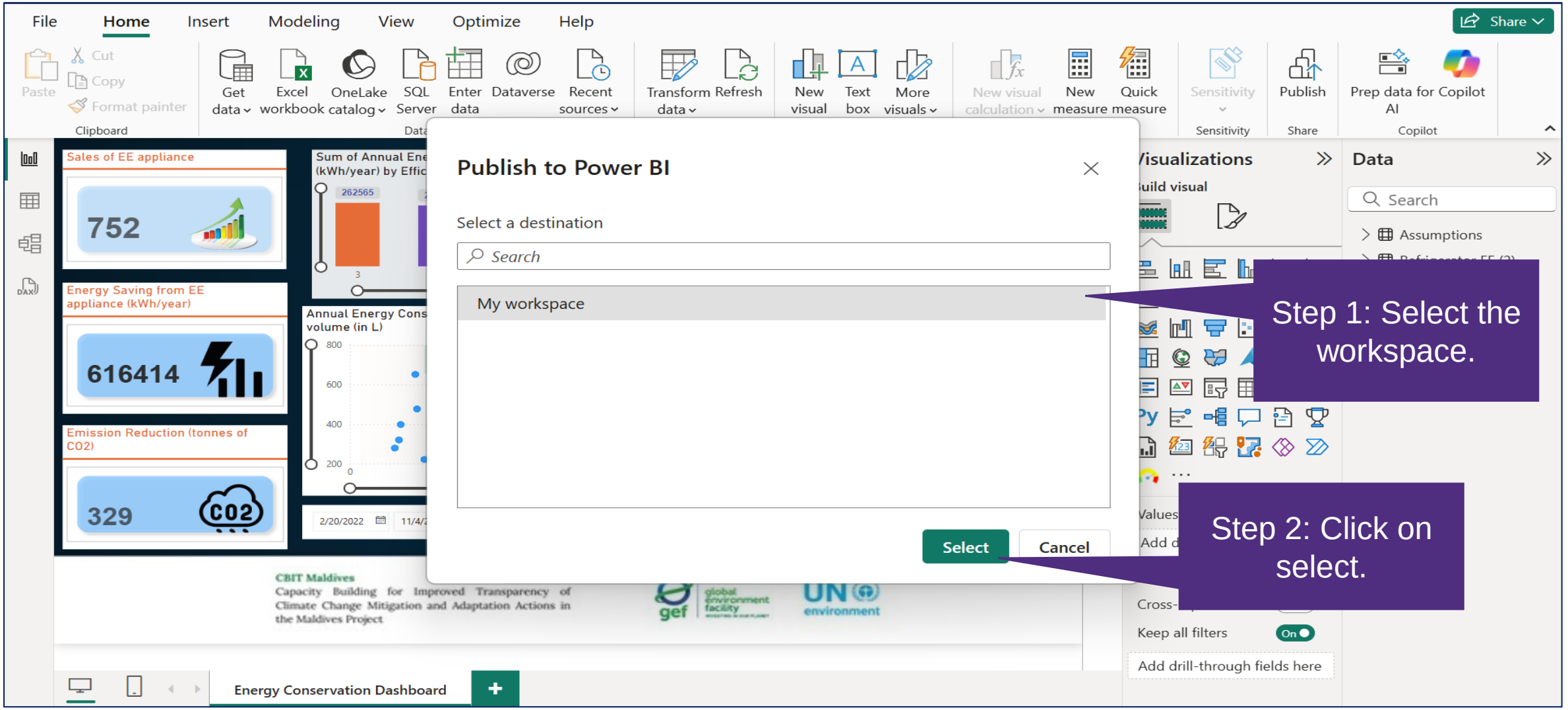

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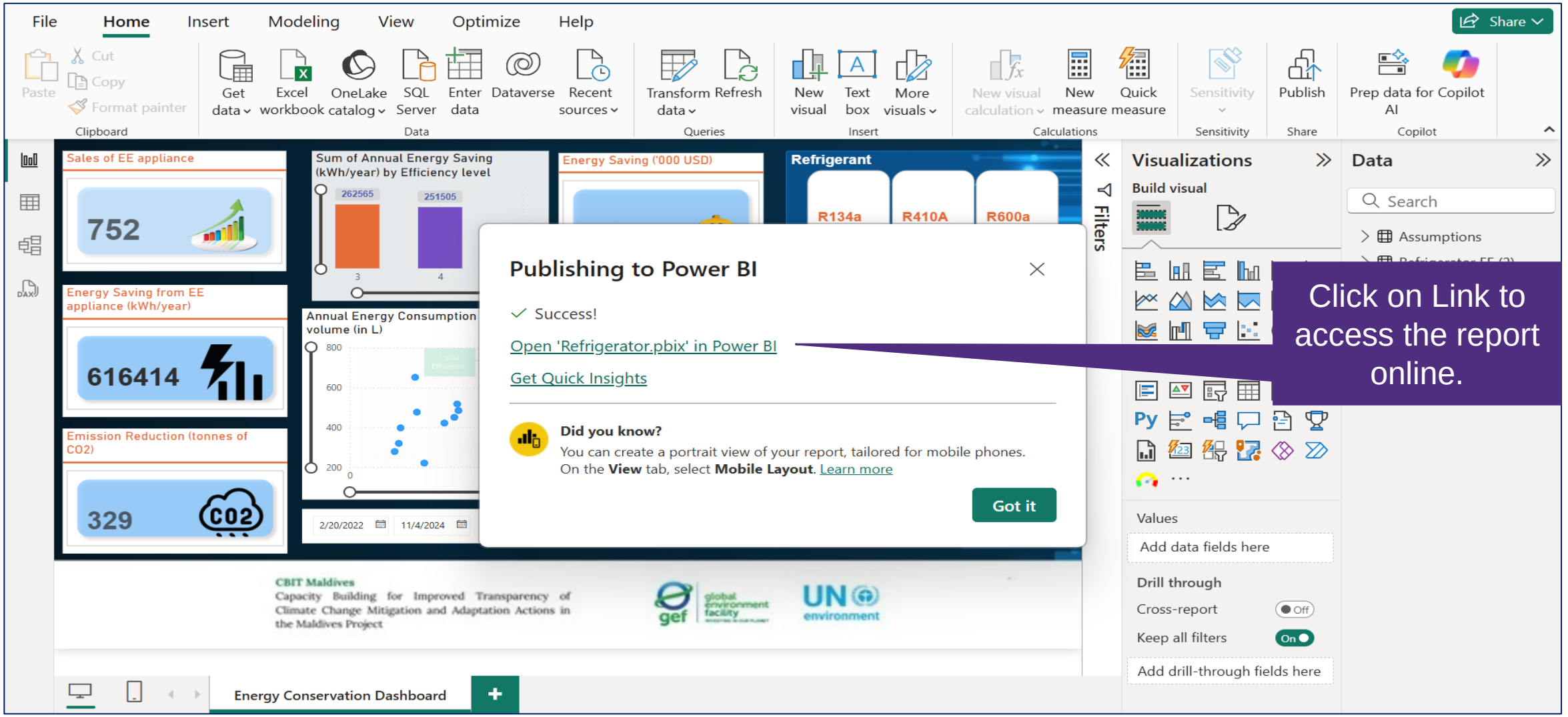
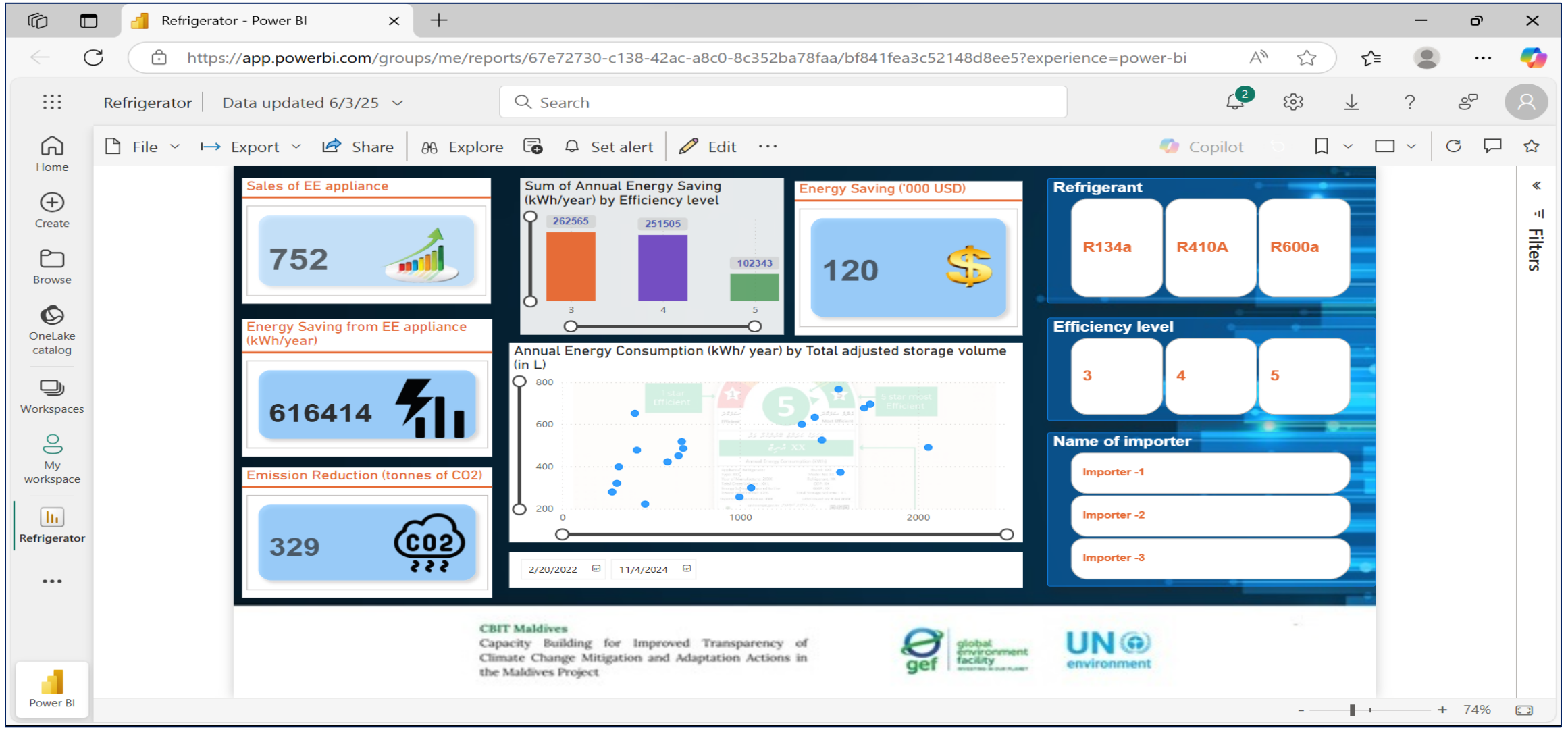
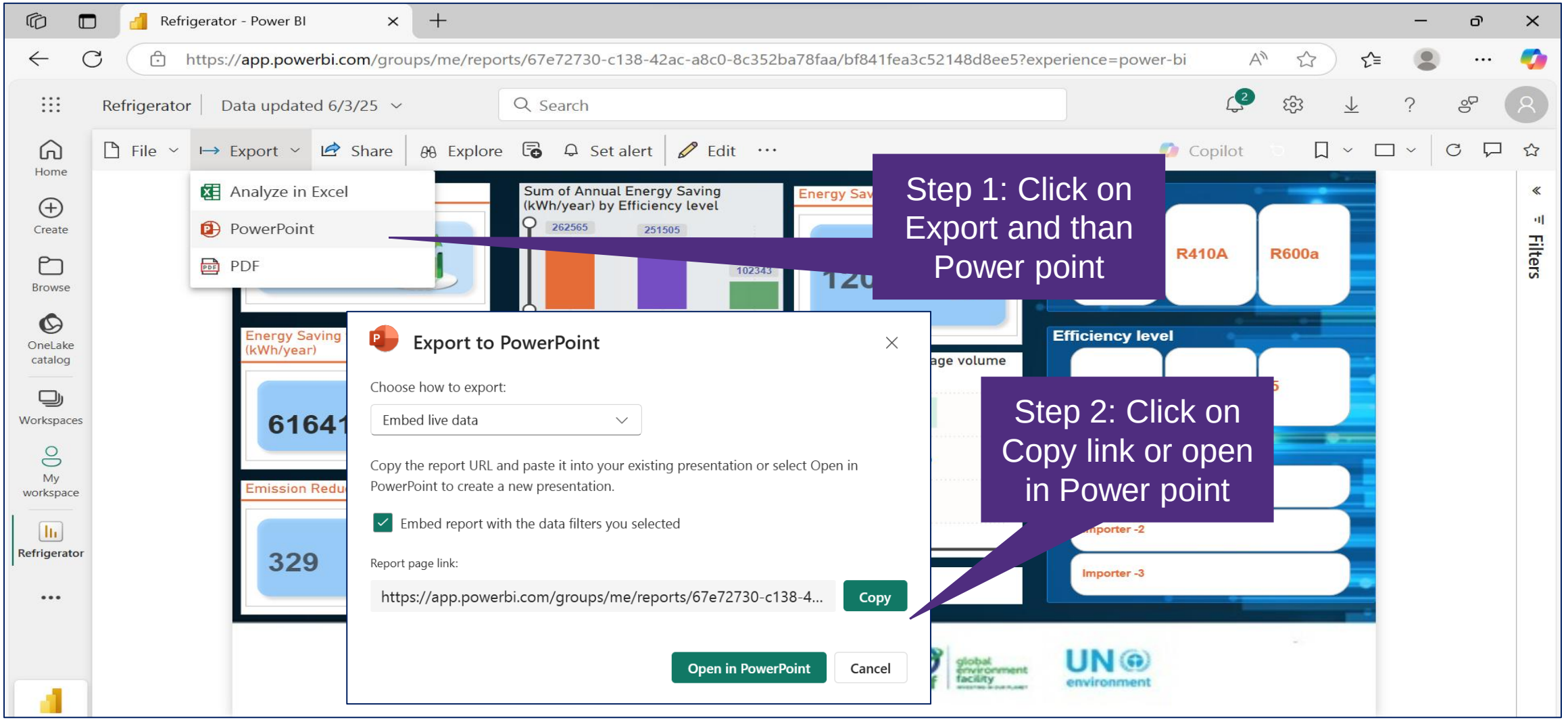


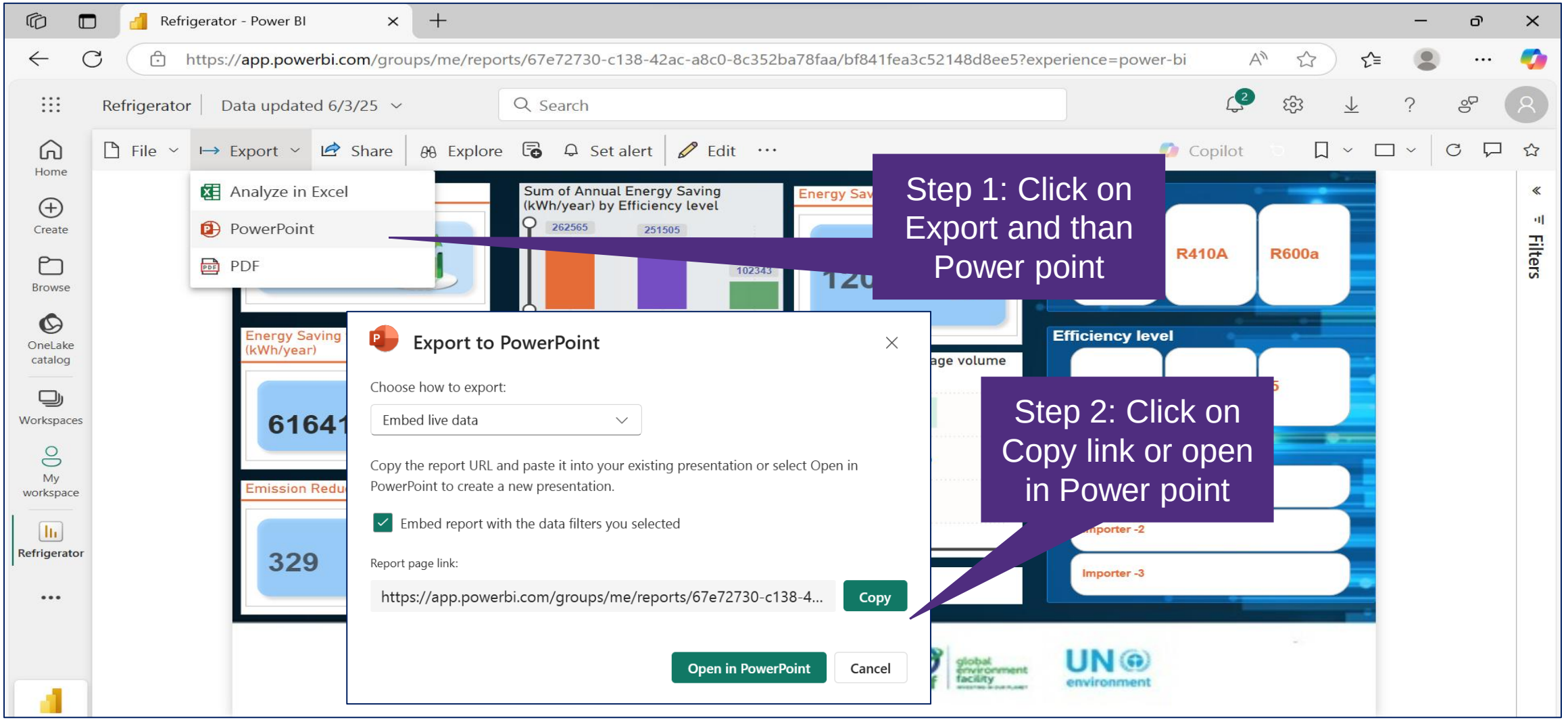
Opening Report online



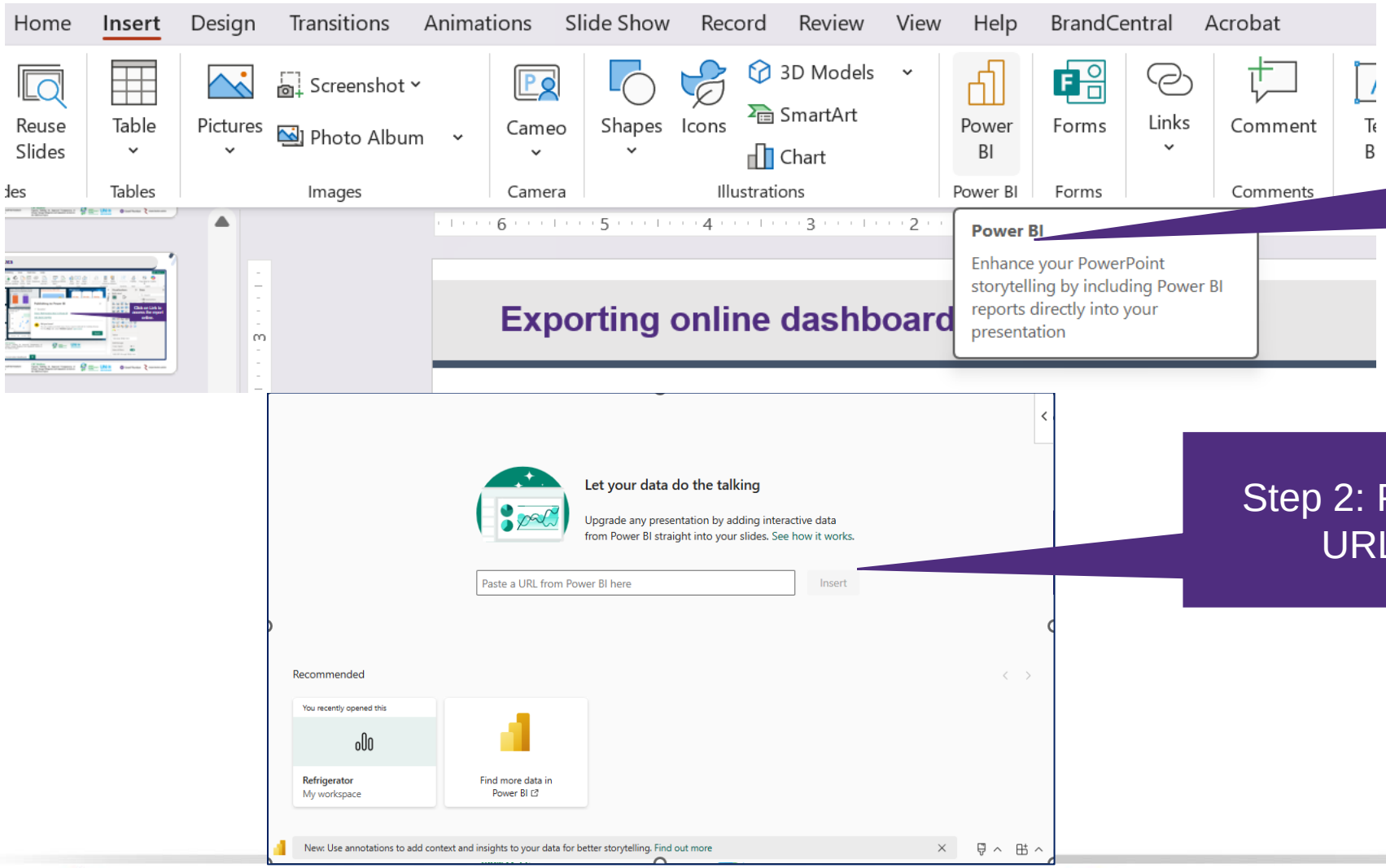
Exporting online dashboard



Exporting online dashboard



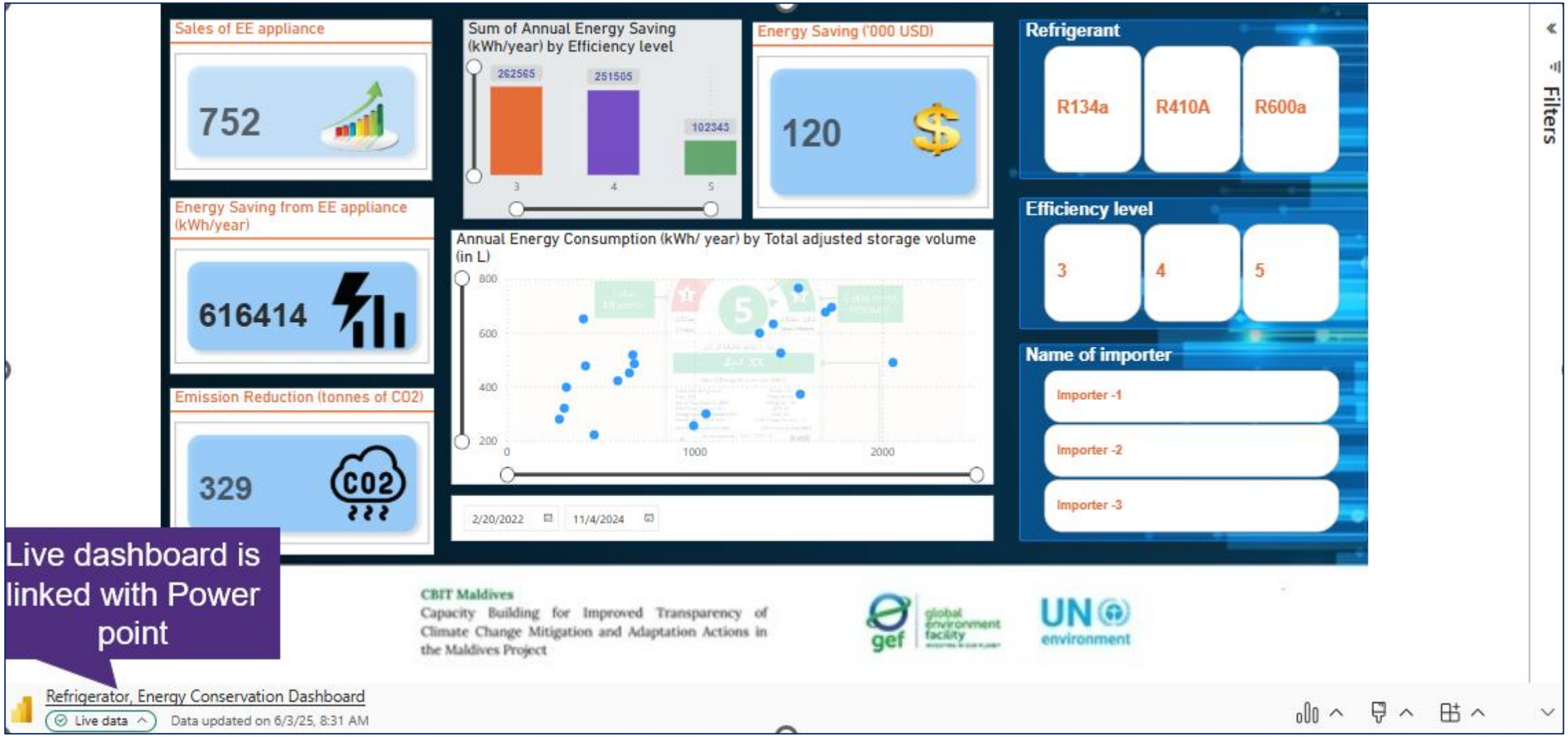
Exporting online dashboard to Power Point



Step 1: Click on Power BI

Step 2: Paste URL

Live data dashboard on Power point



Thanks