

Lab 2.2 – Một số thao tác cơ bản trong Query Editor Power BI

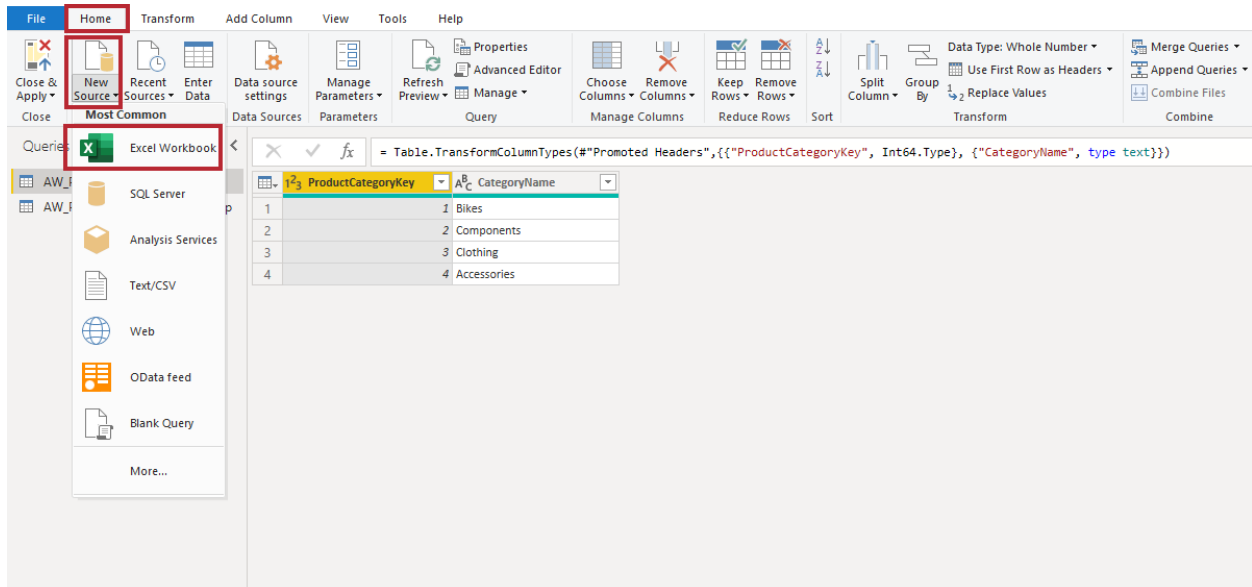
Trong Lab này các bạn sẽ được thực hành xử lý dữ liệu dạng text và một số thao tác khác như tạo mới cột, đổi tên cột. Các nhiệm vụ chính như sau:

- Tạo kết nối dữ liệu đến file **AdventureWorks_Products.csv**, sau đó tạo một Query tên **“AW_Product_Lookup”** cho file dữ liệu này.
- Thêm một cột mới để trích xuất tất cả các ký tự đứng giữa ký tự “-” đầu tiên và ký tự “-” thứ hai trong cột **ProductSKU**, cột mới này sẽ có tên là **SKUType**
- Thay thế tất cả các số **0** trong cột **ProductStyle** thành **“NA”**
- Tạo cột mới DiscountPrice bằng cách nhân cột ProductPrice với 0.85, như vậy giá chiết khấu trong cột DiscountPrice sẽ là 15% trên tổng giá sản phẩm.

1. Tạo kết nối dữ liệu đến file AdventureWorks_Products.csv, sau đó tạo một Query tên “AW_Product_Lookup” cho file dữ liệu này.

Các bạn có thể tạo kết nối như Lab 2.1, hoặc từ giao diện Query Editor các bạn có thể chọn:

Home -> New Source -> Excel Workbook (hoặc Text/CSV)



Sau đó các bạn sẽ chọn file **AdventureWorks_Products.csv** và nhấn **Open**.

Name	Type	Size
AdventureWorks_Sales_2015.csv	Microsoft Excel C...	116 KB
AdventureWorks_Sales_2016.csv	Microsoft Excel C...	1,059 KB
AdventureWorks_Sales_2017.csv	Microsoft Excel C...	1,291 KB
AdventureWorks>Returns.csv	Microsoft Excel C...	34 KB
AdventureWorks_Products.csv	Microsoft Excel C...	57 KB
AdventureWorks_Calendar.csv	Microsoft Excel C...	10 KB
AdventureWorks_Customers.csv	Microsoft Excel C...	1,918 KB
AdventureWorks_Product_Categories.csv	Microsoft Excel C...	1 KB
AdventureWorks_Product_Subcategories.csv	Microsoft Excel C...	1 KB
AdventureWorks_Territories.csv	Microsoft Excel C...	1 KB

name: AdventureWorks_Products.csv

All Files (*.*)

Open Cancel

Sau đó chọn **OK**.

AdventureWorks_Products.csv

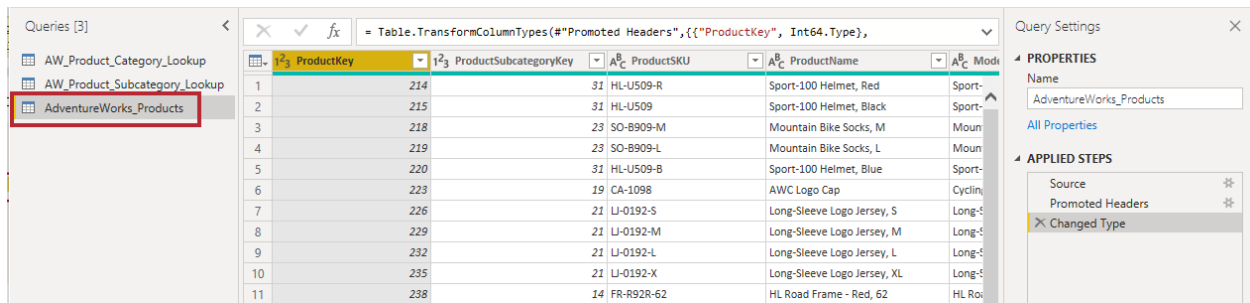
File Origin: 1252: Western European (Windows) Delimiter: Comma Data Type Detection: Based on first 200 rows

ProductKey	ProductSubcategoryKey	ProductSKU	ProductName	ModelName	ProductDescription
214	31	HL-U509-R	Sport-100 Helmet, Red	Sport-100	Universal fit, well-vented, lightweight , snap
215	31	HL-U509	Sport-100 Helmet, Black	Sport-100	Universal fit, well-vented, lightweight , snap
218	23	SO-B909-M	Mountain Bike Socks, M	Mountain Bike Socks	Combination of natural and synthetic fibers
219	23	SO-B909-L	Mountain Bike Socks, L	Mountain Bike Socks	Combination of natural and synthetic fibers
220	31	HL-U509-B	Sport-100 Helmet, Blue	Sport-100	Universal fit, well-vented, lightweight , snap
223	19	CA-1098	AWC Logo Cap	Cycling Cap	Traditional style with a flip-up brim; one-siz
226	21	LJ-0192-S	Long-Sleeve Logo Jersey, S	Long-Sleeve Logo Jersey	Unisex long-sleeve AWC logo microfiber cyc
229	21	LJ-0192-M	Long-Sleeve Logo Jersey, M	Long-Sleeve Logo Jersey	Unisex long-sleeve AWC logo microfiber cyc
232	21	LJ-0192-L	Long-Sleeve Logo Jersey, L	Long-Sleeve Logo Jersey	Unisex long-sleeve AWC logo microfiber cyc
235	21	LJ-0192-X	Long-Sleeve Logo Jersey, XL	Long-Sleeve Logo Jersey	Unisex long-sleeve AWC logo microfiber cyc
238	14	FR-R92R-62	HL Road Frame - Red, 62	HL Road Frame	Our lightest and best quality aluminum fran
241	14	FR-R92R-44	HL Road Frame - Red, 44	HL Road Frame	Our lightest and best quality aluminum fran
244	14	FR-R92R-48	HL Road Frame - Red, 48	HL Road Frame	Our lightest and best quality aluminum fran
247	14	FR-R92R-52	HL Road Frame - Red, 52	HL Road Frame	Our lightest and best quality aluminum fran
250	14	FR-R92R-56	HL Road Frame - Red, 56	HL Road Frame	Our lightest and best quality aluminum fran
253	14	FR-R38B-58	LL Road Frame - Black, 58	LL Road Frame	The LL Frame provides a safe comfortable ri
256	14	FR-R38B-60	LL Road Frame - Black, 60	LL Road Frame	The LL Frame provides a safe comfortable ri
259	14	FR-R38B-62	LL Road Frame - Black, 62	LL Road Frame	The LL Frame provides a safe comfortable ri
262	14	FR-R38R-44	LL Road Frame - Red, 44	LL Road Frame	The LL Frame provides a safe comfortable ri
264	14	FR-R38R-48	LL Road Frame - Red, 48	LL Road Frame	The LL Frame provides a safe comfortable ri

Extract Table Using Examples

OK Cancel

Có thể thấy **AdventureWorks_Products.csv** đã được import vào giao diện Query Editor.



Queries [3]

- AW_Product_Category_Lookup
- AW_Product_Subcategory_Lookup
- AdventureWorks_Products**

Table.TransformColumnTypes(#"Promoted Headers",{{"ProductKey", Int64.Type},

	ProductKey	ProductSubcategoryKey	ProductSKU	ProductName	Model
1	214	31	HL-U509-R	Sport-100 Helmet, Red	Sport-
2	215	31	HL-U509	Sport-100 Helmet, Black	Sport-
3	218	23	SO-B909-M	Mountain Bike Socks, M	Moun
4	219	23	SO-B909-L	Mountain Bike Socks, L	Moun
5	220	31	HL-U509-B	Sport-100 Helmet, Blue	Sport-
6	223	19	CA-1098	AWC Logo Cap	Cyclin
7	226	21	LI-0192-S	Long-Sleeve Logo Jersey, S	Long-
8	229	21	LI-0192-M	Long-Sleeve Logo Jersey, M	Long-
9	232	21	LI-0192-L	Long-Sleeve Logo Jersey, L	Long-
10	235	21	LI-0192-X	Long-Sleeve Logo Jersey, XL	Long-
11	238	14	FR-R92R-62	HL Road Frame - Red, 62	HL Ro

Query Settings

PROPERTIES

Name

AdventureWorks_Products

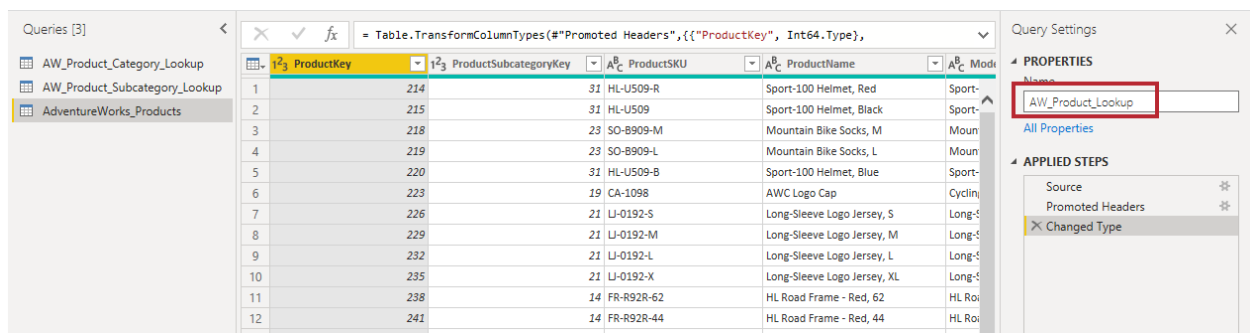
APPLIED STEPS

Source

Promoted Headers

Changed Type

Tiếp theo, các bạn sẽ đổi tên cho Query này thành **AW_Product_Lookup**:



Queries [3]

- AW_Product_Category_Lookup
- AW_Product_Subcategory_Lookup
- AdventureWorks_Products**

Table.TransformColumnTypes(#"Promoted Headers",{{"ProductKey", Int64.Type},

	ProductKey	ProductSubcategoryKey	ProductSKU	ProductName	Model
1	214	31	HL-U509-R	Sport-100 Helmet, Red	Sport-
2	215	31	HL-U509	Sport-100 Helmet, Black	Sport-
3	218	23	SO-B909-M	Mountain Bike Socks, M	Moun
4	219	23	SO-B909-L	Mountain Bike Socks, L	Moun
5	220	31	HL-U509-B	Sport-100 Helmet, Blue	Sport-
6	223	19	CA-1098	AWC Logo Cap	Cyclin
7	226	21	LI-0192-S	Long-Sleeve Logo Jersey, S	Long-
8	229	21	LI-0192-M	Long-Sleeve Logo Jersey, M	Long-
9	232	21	LI-0192-L	Long-Sleeve Logo Jersey, L	Long-
10	235	21	LI-0192-X	Long-Sleeve Logo Jersey, XL	Long-
11	238	14	FR-R92R-62	HL Road Frame - Red, 62	HL Ro
12	241	14	FR-R92R-44	HL Road Frame - Red, 44	HL Ro

Query Settings

PROPERTIES

Name

AW_Product_Lookup

APPLIED STEPS

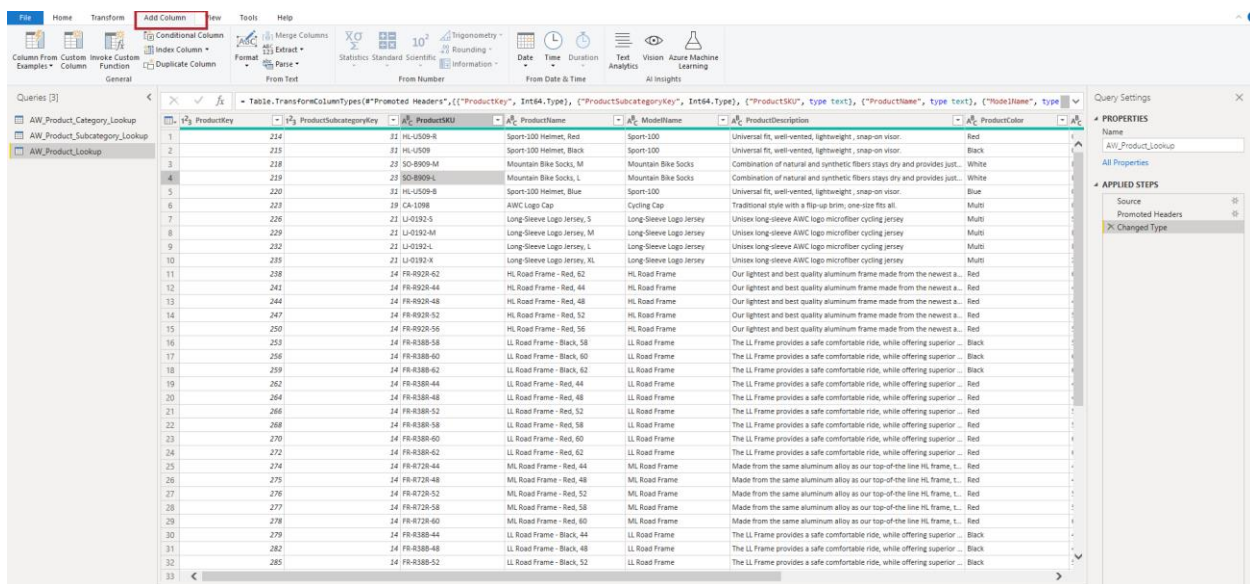
Source

Promoted Headers

Changed Type

2. Thêm một cột mới để trích xuất tất cả các ký tự đứng giữa ký tự “-” đầu tiên và ký tự “-” thứ hai trong cột ProductSKU, cột mới này sẽ có tên là SKUType

Từ giao diện Query Editor, các bạn sẽ chọn Add Column.



File Home Transform Add Column new Tools Help

Column From Custom Column Function Examples

Conditional Column Index Column Edit Duplicate Column

From Text

Statistics Standard Scientific Rounding Information

From Number

Date Time Duration

From Date & Time

Text Analytics

Vision Azure Machine Learning

Queries [3]

- AW_Product_Category_Lookup
- AW_Product_Subcategory_Lookup
- AW_Product_Lookup**

Table.TransformColumnTypes(#"Promoted Headers",{{"ProductKey", Int64.Type}, {"ProductSubcategoryKey", Int64.Type}, {"ProductSKU", type text}, {"ProductName", type text}, {"ModelName", type text}, {"ProductColor", type text}, {"SKUType", type text}}

	ProductKey	ProductSubcategoryKey	ProductSKU	ProductName	ModelName	ProductColor	SKUType
1	214	31	HL-U509-R	Sport-100 Helmet, Red	Sport-100	Red	Universal fit, well-ventilated, lightweight, snap-on visor.
2	215	31	HL-U509	Sport-100 Helmet, Black	Sport-100	Black	Universal fit, well-ventilated, lightweight, snap-on visor.
3	218	23	SO-B909-M	Mountain Bike Socks, M	Mountain Bike Socks	White	Combination of natural and synthetic fibers stays dry and provides just.
4	219	23	SO-B909-L	Mountain Bike Socks, L	Mountain Bike Socks	White	Combination of natural and synthetic fibers stays dry and provides just.
5	220	31	HL-U509-B	Sport-100 Helmet, Blue	Sport-100	Blue	Universal fit, well-ventilated, lightweight, snap-on visor.
6	223	19	CA-1098	AWC Logo Cap	Cycling Cap	Multi	Traditional style with a flip-up brim, one-size fits all.
7	226	21	LI-0192-S	Long-Sleeve Logo Jersey, S	Long-Sleeve Logo Jersey	Multi	Unisex long-sleeve AWC logo microfibre cycling jersey.
8	229	21	LI-0192-M	Long-Sleeve Logo Jersey, M	Long-Sleeve Logo Jersey	Multi	Unisex long-sleeve AWC logo microfibre cycling jersey.
9	232	21	LI-0192-L	Long-Sleeve Logo Jersey, L	Long-Sleeve Logo Jersey	Multi	Unisex long-sleeve AWC logo microfibre cycling jersey.
10	235	21	LI-0192-X	Long-Sleeve Logo Jersey, XL	Long-Sleeve Logo Jersey	Multi	Unisex long-sleeve AWC logo microfibre cycling jersey.
11	238	14	FR-R92R-62	HL Road Frame - Red, 62	HL Road Frame	Red	Our lightest and best quality aluminum frame made from the newest a.
12	241	14	FR-R92R-44	HL Road Frame - Red, 44	HL Road Frame	Red	Our lightest and best quality aluminum frame made from the newest a.
13	244	14	FR-R92R-48	HL Road Frame - Red, 48	HL Road Frame	Red	Our lightest and best quality aluminum frame made from the newest a.
14	247	14	FR-R92R-52	HL Road Frame - Red, 52	HL Road Frame	Red	Our lightest and best quality aluminum frame made from the newest a.
15	250	14	FR-R92R-56	HL Road Frame - Red, 56	HL Road Frame	Red	Our lightest and best quality aluminum frame made from the newest a.
16	253	14	FR-R38B-58	LL Road Frame - Black, 58	LL Road Frame	Black	The LL Frame provides a safe comfortable ride, while offering superior
17	256	14	FR-R38B-60	LL Road Frame - Black, 60	LL Road Frame	Black	The LL Frame provides a safe comfortable ride, while offering superior
18	259	14	FR-R38B-62	LL Road Frame - Black, 62	LL Road Frame	Black	The LL Frame provides a safe comfortable ride, while offering superior
19	262	14	FR-R38B-44	LL Road Frame - Red, 44	LL Road Frame	Red	The LL Frame provides a safe comfortable ride, while offering superior
20	265	14	FR-R38B-48	LL Road Frame - Red, 48	LL Road Frame	Red	The LL Frame provides a safe comfortable ride, while offering superior
21	268	14	FR-R38B-52	LL Road Frame - Red, 52	LL Road Frame	Red	The LL Frame provides a safe comfortable ride, while offering superior
22	271	14	FR-R38B-56	LL Road Frame - Red, 56	LL Road Frame	Red	The LL Frame provides a safe comfortable ride, while offering superior
23	274	14	FR-R38B-60	LL Road Frame - Red, 60	LL Road Frame	Red	The LL Frame provides a safe comfortable ride, while offering superior
24	277	14	FR-R38B-62	LL Road Frame - Red, 62	LL Road Frame	Red	The LL Frame provides a safe comfortable ride, while offering superior
25	280	14	FR-R38B-44	LL Road Frame - Black, 44	LL Road Frame	Black	Made from the same aluminum alloy as our top-of-the-line HL frame, t.
26	283	14	FR-R38B-48	LL Road Frame - Black, 48	LL Road Frame	Black	Made from the same aluminum alloy as our top-of-the-line HL frame, t.
27	286	14	FR-R38B-52	LL Road Frame - Black, 52	LL Road Frame	Black	Made from the same aluminum alloy as our top-of-the-line HL frame, t.
28	289	14	FR-R38B-56	LL Road Frame - Black, 56	LL Road Frame	Black	Made from the same aluminum alloy as our top-of-the-line HL frame, t.
29	292	14	FR-R38B-60	LL Road Frame - Black, 60	LL Road Frame	Black	Made from the same aluminum alloy as our top-of-the-line HL frame, t.
30	295	14	FR-R38B-62	LL Road Frame - Black, 62	LL Road Frame	Black	Made from the same aluminum alloy as our top-of-the-line HL frame, t.
31	298	14	FR-R38B-44	LL Road Frame - Black, 44	LL Road Frame	Black	The LL Frame provides a safe comfortable ride, while offering superior
32	301	14	FR-R38B-48	LL Road Frame - Black, 48	LL Road Frame	Black	The LL Frame provides a safe comfortable ride, while offering superior
33	304	14	FR-R38B-52	LL Road Frame - Black, 52	LL Road Frame	Black	The LL Frame provides a safe comfortable ride, while offering superior

Query Settings

PROPERTIES

Name

AW_Product_Lookup

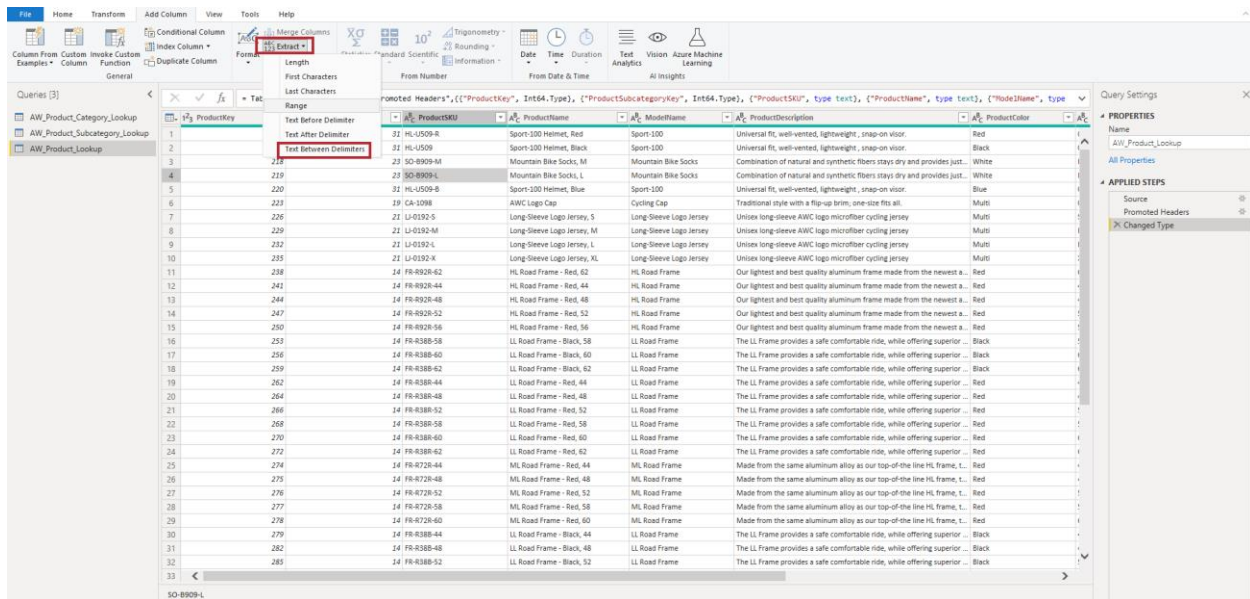
APPLIED STEPS

Source

Promoted Headers

Changed Type

Sau đó các bạn sẽ chọn Extract -> Text between Delimiters.



Sau đó ta sẽ cài đặt như sau:

Text Between Delimiters

Enter the delimiters that mark the beginning and end of what you would like to extract.

Start delimiter

-

End delimiter

-

Advanced options

Scan for the start delimiter

From the start of the input

Number of start delimiters to skip

0

Scan for the end delimiter

From the start delimiter, toward the...

Number of end delimiters to skip

0

OK

Cancel

Giờ đây, chúng ta đã có cột mới theo yêu cầu:

Table.AddColumn("#Changed Type", "Text Between Delimiters", each Text.BetweenDelimiters([ProductSKU], "-", "-"), type text)

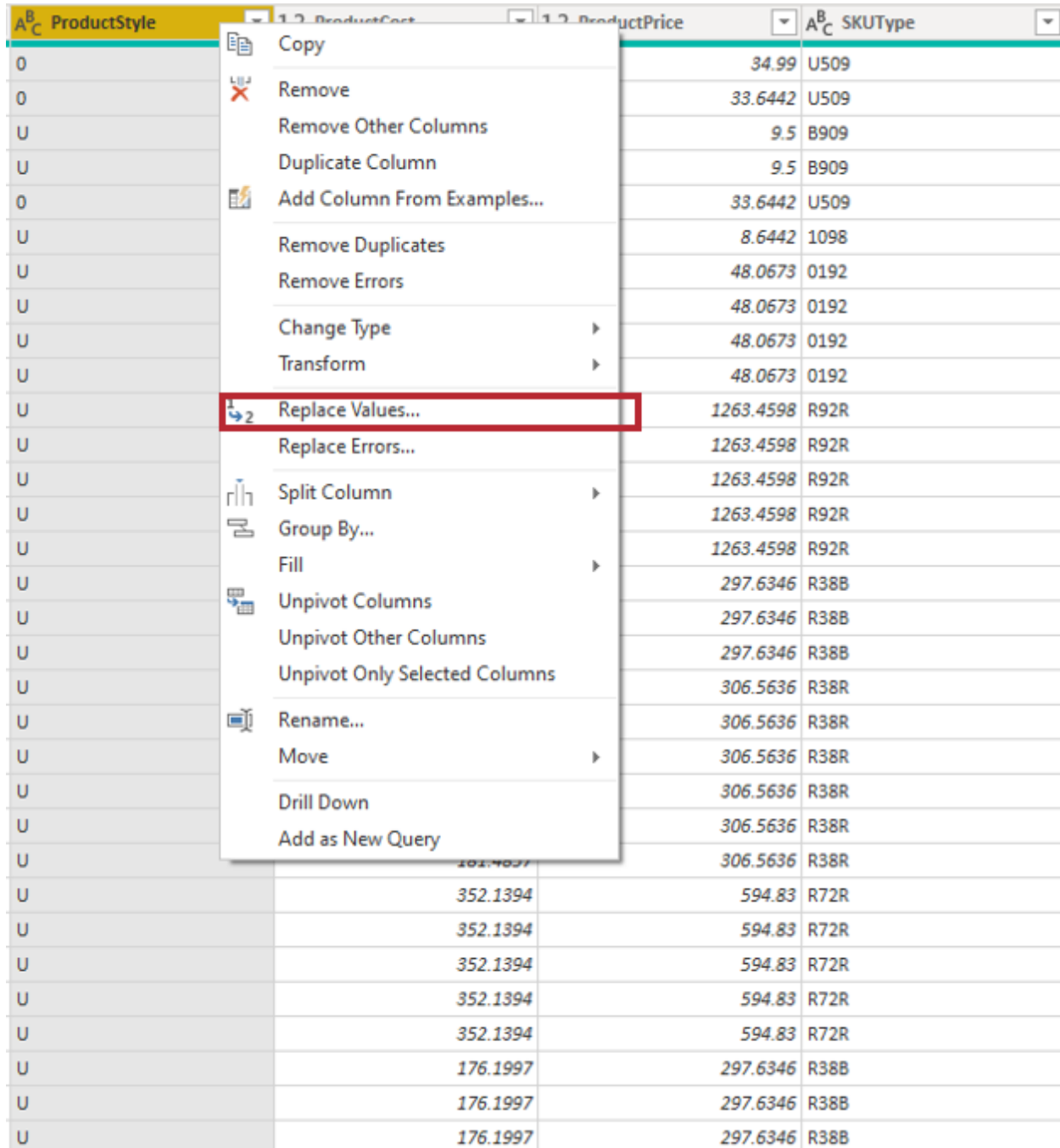
	ProductDescription	ProductColor	ProductSize	ProductStyle	ProductCost	ProductPrice	Text Between Delimiters
1	Universal fit, well-vented, lightweight, snap-on visor.	Red	0	0	13.0863	34.99	U509
2	Universal fit, well-vented, lightweight, snap-on visor.	Black	0	0	12.0278	33.6442	U509
3	Combination of natural and synthetic fibers stays dry and provides just...	White	M	U	3.3963	9.5	B909
4	Combination of natural and synthetic fibers stays dry and provides just...	White	L	U	3.3963	9.5	B909
5	Universal fit, well-vented, lightweight, snap-on visor.	Blue	0	0	12.0278	33.6442	U509
6	Traditional style with a flip-up brim; one-size fits all.	Multi	0	U	5.7052	8.6442	1098
7	Unisex long-sleeve AWC logo microfber cycling jersey	Multi	S	U	31.7244	48.0673	0192
8	Unisex long-sleeve AWC logo microfber cycling jersey	Multi	M	U	31.7244	48.0673	0192
9	Unisex long-sleeve AWC logo microfber cycling jersey	Multi	L	U	31.7244	48.0673	0192
10	Unisex long-sleeve AWC logo microfber cycling jersey	Multi	XL	U	31.7244	48.0673	0192
11	Our lightest and best quality aluminum frame made from the newest a...	Red	62	U	747.9682	1263.4598	R92R
12	Our lightest and best quality aluminum frame made from the newest a...	Red	44	U	747.9682	1263.4598	R92R
13	Our lightest and best quality aluminum frame made from the newest a...	Red	48	U	747.9682	1263.4598	R92R
14	Our lightest and best quality aluminum frame made from the newest a...	Red	52	U	747.9682	1263.4598	R92R
15	Our lightest and best quality aluminum frame made from the newest a...	Red	56	U	747.9682	1263.4598	R92R
16	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	58	U	176.1997	297.6346	R388
17	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	60	U	176.1997	297.6346	R388
18	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	62	U	176.1997	297.6346	R388
19	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	44	U	181.4857	306.5636	R38R
20	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	48	U	181.4857	306.5636	R38R
21	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	52	U	181.4857	306.5636	R38R
22	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	58	U	181.4857	306.5636	R38R
23	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	60	U	181.4857	306.5636	R38R
24	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	62	U	181.4857	306.5636	R38R
25	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	44	U	352.1394	594.83	R72R
26	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	48	U	352.1394	594.83	R72R
27	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	52	U	352.1394	594.83	R72R
28	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	58	U	352.1394	594.83	R72R
29	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	60	U	352.1394	594.83	R72R
30	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	44	U	176.1997	297.6346	R388
31	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	48	U	176.1997	297.6346	R388
32	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	52	U	176.1997	297.6346	R388
33	Each frame is hand-crafted in our Bothell facility to the optimum diam...	Silver	42	U	623.8403	1204.3248	M94S
34	Each frame is hand-crafted in our Bothell facility to the optimum diam...	Silver	44	U	706.811	1364.5	M94S
35	Each frame is hand-crafted in our Bothell facility to the optimum diam...	Silver	48	U	706.811	1364.5	M94S
36	Each frame is hand-crafted in our Bothell facility to the optimum diam...	Silver	46	U	623.8403	1204.3248	M94S

Ta sẽ tiến hành đổi tên cột này thành **SKUType** bằng cách kích hai lần vào tên cột muốn đổi và nhập SKUType:

	ProductDescription	ProductColor	ProductSize	ProductStyle	ProductCost	ProductPrice	SKUType
1	Universal fit, well-vented, lightweight, snap-on visor.	Red	0	0	13.0863	34.99	U509
2	Universal fit, well-vented, lightweight, snap-on visor.	Black	0	0	12.0278	33.6442	U509
3	Combination of natural and synthetic fibers stays dry and provides just...	White	M	U	3.3963	9.5	B909
4	Combination of natural and synthetic fibers stays dry and provides just...	White	L	U	3.3963	9.5	B909
5	Universal fit, well-vented, lightweight, snap-on visor.	Blue	0	0	12.0278	33.6442	U509
6	Traditional style with a flip-up brim; one-size fits all.	Multi	0	U	5.7052	8.6442	1098
7	Unisex long-sleeve AWC logo microfber cycling jersey	Multi	S	U	31.7244	48.0673	0192
8	Unisex long-sleeve AWC logo microfber cycling jersey	Multi	M	U	31.7244	48.0673	0192
9	Unisex long-sleeve AWC logo microfber cycling jersey	Multi	L	U	31.7244	48.0673	0192
10	Unisex long-sleeve AWC logo microfber cycling jersey	Multi	XL	U	31.7244	48.0673	0192
11	Our lightest and best quality aluminum frame made from the newest a...	Red	62	U	747.9682	1263.4598	R92R
12	Our lightest and best quality aluminum frame made from the newest a...	Red	44	U	747.9682	1263.4598	R92R
13	Our lightest and best quality aluminum frame made from the newest a...	Red	48	U	747.9682	1263.4598	R92R
14	Our lightest and best quality aluminum frame made from the newest a...	Red	52	U	747.9682	1263.4598	R92R
15	Our lightest and best quality aluminum frame made from the newest a...	Red	56	U	747.9682	1263.4598	R92R
16	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	58	U	176.1997	297.6346	R388
17	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	60	U	176.1997	297.6346	R388
18	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	62	U	176.1997	297.6346	R388
19	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	44	U	181.4857	306.5636	R38R
20	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	48	U	181.4857	306.5636	R38R
21	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	52	U	181.4857	306.5636	R38R
22	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	58	U	181.4857	306.5636	R38R
23	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	60	U	181.4857	306.5636	R38R
24	The LL Frame provides a safe comfortable ride, while offering superior ...	Red	62	U	181.4857	306.5636	R38R
25	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	44	U	352.1394	594.83	R72R
26	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	48	U	352.1394	594.83	R72R
27	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	52	U	352.1394	594.83	R72R
28	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	58	U	352.1394	594.83	R72R
29	Made from the same aluminum alloy as our top-of-the line HL frame, t...	Red	60	U	352.1394	594.83	R72R
30	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	44	U	176.1997	297.6346	R388
31	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	48	U	176.1997	297.6346	R388
32	The LL Frame provides a safe comfortable ride, while offering superior ...	Black	52	U	176.1997	297.6346	R388
33	Each frame is hand-crafted in our Bothell facility to the optimum diam...	Silver	42	U	623.8403	1204.3248	M94S
34	Each frame is hand-crafted in our Bothell facility to the optimum diam...	Silver	44	U	706.811	1364.5	M94S
35	Each frame is hand-crafted in our Bothell facility to the optimum diam...	Silver	48	U	706.811	1364.5	M94S
36	Each frame is hand-crafted in our Bothell facility to the optimum diam...	Silver	46	U	623.8403	1204.3248	M94S

3. Thay thế tất cả các số 0 trong cột ProductStyle thành “NA”

Để thực hiện thay thế giá trị trong cột, các bạn sẽ chuột phải vào cột cần thay thế, sau đó chọn “Relace Values”



ProductStyle	ProductCost	ProductPrice	SKUType
0		34.99	U509
0	33.6442		U509
U	9.5		B909
U	9.5		B909
0	33.6442		U509
U	8.6442		1098
U	48.0673		0192
U	48.0673		0192
U	48.0673		0192
U	48.0673		0192
U	1263.4598		R92R
U	1263.4598		R92R
U	1263.4598		R92R
U	1263.4598		R92R
U	1263.4598		R92R
U	297.6346		R38B
U	297.6346		R38B
U	297.6346		R38B
U	306.5636		R38R
U	306.5636		R38R
U	306.5636		R38R
U	306.5636		R38R
U	306.5636		R38R
U	306.5636		R38R
U	352.1394	594.83	R72R
U	352.1394	594.83	R72R
U	352.1394	594.83	R72R
U	352.1394	594.83	R72R
U	352.1394	594.83	R72R
U	176.1997	297.6346	R38B
U	176.1997	297.6346	R38B
U	176.1997	297.6346	R38B

Sau đó, các bạn sẽ nhập giá trị cho ô Value To Find (giá trị cần tìm kiếm để thay thế) và Relace With (giá trị muốn thay thế):

✕

Replace Values

Replace one value with another in the selected columns.

Value To Find

Replace With

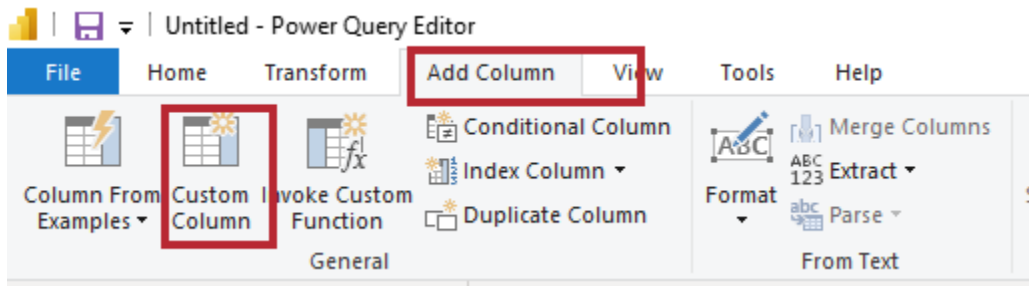
▸ Advanced options

Sau khi thực hiện xong các bạn có thể thấy các giá trị 0 đã được chuyển thành NA:

A ^B C ProductSize	A ^B C ProductStyle	1.2 ProductCost	1.2
0	NA	13.0863	
0	NA	12.0278	
M	U	3.3963	
L	U	3.3963	
0	NA	12.0278	
0	U	5.7052	
S	U	31.7244	
M	U	31.7244	
L	U	31.7244	
XL	U	31.7244	
62	U	747.9682	
44	U	747.9682	
48	U	747.9682	
52	U	747.9682	
56	U	747.9682	
58	U	176.1997	
60	U	176.1997	
62	U	176.1997	
44	U	181.4857	
48	U	181.4857	
52	U	181.4857	
58	U	181.4857	
60	U	181.4857	
62	U	181.4857	
44	U	352.1394	
48	U	352.1394	
52	U	352.1394	

4. Tạo một cột mới DiscountPrice bằng cách nhân cột ProductPrice với 0.85

Để tạo một cột mới, các bạn sẽ vào Add Column -> Custom Column



Tiếp theo, các bạn sẽ đặt tên cột mới là **DiscountPrice**, và phép tính sẽ được đặt là **[ProductPrice] * 0.85**

Custom Column

Add a column that is computed from the other columns.

New column name

DiscountPrice

Custom column formula (1)

= [ProductPrice] * 0.85

Available columns

ProductDescription
ProductColor
ProductSize
ProductStyle
ProductCost
ProductPrice
SKUType

<< Insert

[Learn about Power Query formulas](#)

✓ No syntax errors have been detected.

OK

Cancel

Sau khi chọn **OK**, các bạn sẽ thấy cột mới là DiscountPrice đã được tạo:

1.2 ProductCost	1.2 ProductPrice	A ^B _C SKUType	ABC 123 DiscountPrice
13.0863	34.99	U509	29.7415
12.0278	33.6442	U509	28.59757
3.3963	9.5	B909	8.075
3.3963	9.5	B909	8.075
12.0278	33.6442	U509	28.59757
5.7052	8.6442	1098	7.34757
31.7244	48.0673	0192	40.857205
31.7244	48.0673	0192	40.857205
31.7244	48.0673	0192	40.857205
31.7244	48.0673	0192	40.857205
747.9682	1263.4598	R92R	1073.94083
747.9682	1263.4598	R92R	1073.94083
747.9682	1263.4598	R92R	1073.94083
747.9682	1263.4598	R92R	1073.94083
747.9682	1263.4598	R92R	1073.94083
176.1997	297.6346	R38B	252.98941
176.1997	297.6346	R38B	252.98941
176.1997	297.6346	R38B	252.98941
181.4857	306.5636	R38R	260.57906
181.4857	306.5636	R38R	260.57906
181.4857	306.5636	R38R	260.57906