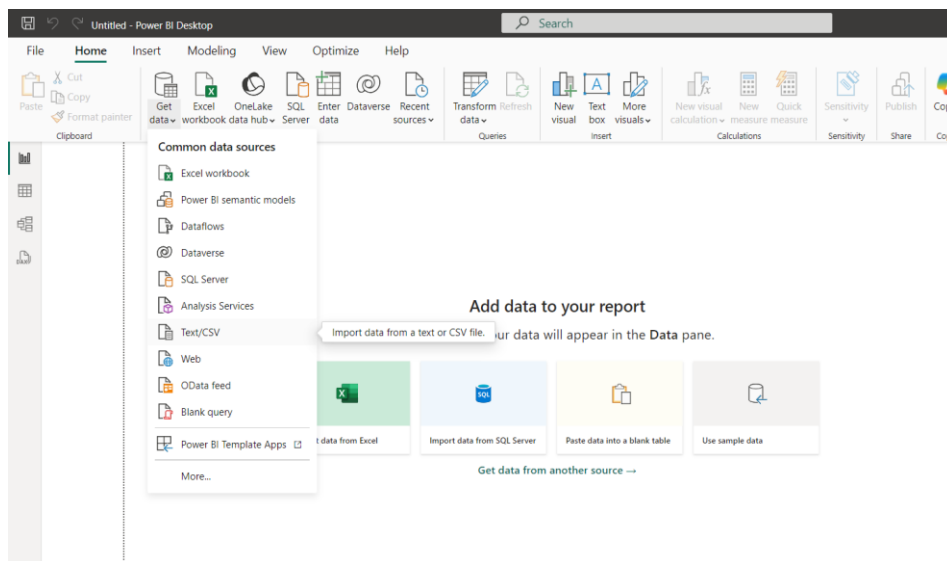


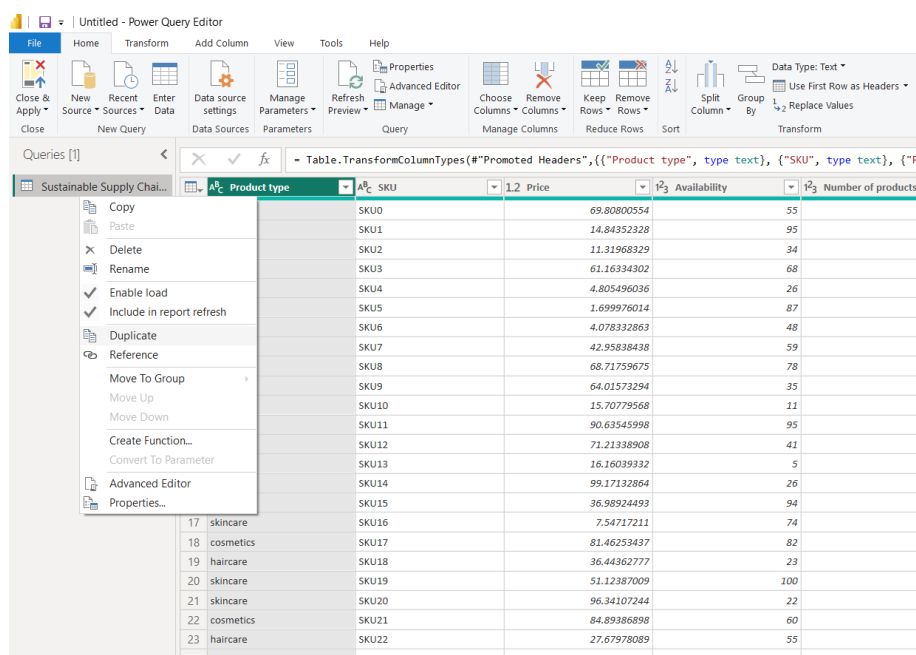
Candidate Name: Varun Gupta
Email: Guptavarun294@gmail.com

Steps Taken by me to perform the given tasks are:

- 1. Connect the given csv file to Power BI by clicking on the “Get data” button.**



- 2. Then under home section click on Transform data, a new window will open where you have to right click on the csv file and then click duplicate.**



3. Then rename the duplicated table to “Inventory” and remove the undesired columns by right clicking on them and then clicking on remove option to get the desired table.

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Sources Enter Data Close New Query Data source settings Manage Parameters Refresh Preview Advanced Editor Properties Settings Manage Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Columns Group By Data Type: Decimal Number Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Test Analytics Vision Azure Machine Learning AI Insights

Queries [2] Sustainable Supply Chain Inventory

Table.ReorderColumns(#Removed Columns1),({"Product type","SKU","Availability","Number of products sold","Customer demographics","Stock levels"})

	A1 Product type	A2 SKU	A3 Availability	A4 Number of products sold	A5 Customer demographics	A6 Stock levels
1	haircare	SKU0	55	802 Non-binary	58	
2	skincare	SKU1	95	736 Female	53	
3	haircare	SKU2	34	8 Unknown	1	
4	skincare	SKU3	68	83 Non-binary	23	
5	skincare	SKU4	26	871 Non-binary	5	
6	haircare	SKU5	87	247 Non-binary	90	
7	skincare	SKU6	48	65 Male	21	
8	cosmetics	SKU7	59	426 Female	93	
9	cosmetics	SKU8	78	150 Female	5	
10	skincare	SKU9	35	980 Unknown	14	
11	skincare	SKU10	11	996 Non-binary	52	
12	skincare	SKU11	95	960 Female	46	
13	haircare	SKU12	41	336 Unknown	100	
14	skincare	SKU13	5	249 Male	80	
15	skincare	SKU14	26	562 Non-binary	54	
16	skincare	SKU15	94	469 Non-binary	9	
17	skincare	SKU16	74	280 Female	2	
18	cosmetics	SKU17	82	126 Female	45	
19	haircare	SKU18	23	620 Unknown	10	
20	skincare	SKU19	100	187 Unknown	48	
21	skincare	SKU20	22	820 Unknown	27	
22						

2686.50515167447

Query Settings

- PROPERTIES
 - Name: inventory
 - All Properties
- APPLIED STEPS
 - Source
 - Promoted Headers
 - Changed Type
 - Removed Columns
 - Reordered Columns
 - Removed Columns1
 - Reordered Columns1

10 COLUMNS, 100 ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 13:32

4. After this again create a duplicate of “Sustainable Supply Chain Performance” table and rename the duplicate to “Manufacturing” and then remove the undesired columns to get the desired table.

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Query Recent Queries Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Column Group By Data Type: Text * Use First Row as Headers * Replace Values Merge Queries * Append Queries * Combine Files Text Analytics Vision Azure Machine Learning

Queries [3] Sustainable Supply Chain Inventory Manufacturing

Table.RemoveColumns(#"Changed Type",{"Price", "Availability", "Number of products sold", "Revenue generated", "Costs", "Routes",

Product type	SKU	Production volumes	Manufacturing lead time	Manufacturing costs	Inspection results
1	haircare	SKU0	215	29	46.72987924 Pending
2	skincare	SKU1	517	30	33.61676895 Pending
3	haircare	SKU2	971	27	30.68801935 Pending
4	skincare	SKU3	937	18	35.6247414 Fail
5	skincare	SKU4	414	3	92.0651606 Fail
6	haircare	SKU5	104	17	56.76647556 Fail
7	skincare	SKU6	314	24	1.08106857 Pending
8	cosmetics	SKU7	564	1	99.4661086 Fail
9	cosmetics	SKU8	789	8	11.42302714 Pending
10	skincare	SKU9	963	23	47.95760163 Pending
11	skincare	SKU10	830	5	96.52735179 Pass
12	skincare	SKU11	362	11	27.59236309 Pending
13	haircare	SKU12	563	3	32.32128621 Fail
14	skincare	SKU13	173	10	97.82495011 Pending
15	skincare	SKU14	558	14	5.79143663 Pending
16	skincare	SKU15	580	7	97.12128175 Pass
17	skincare	SKU16	399	21	77.1063425 Pass
18	cosmetics	SKU17	453	16	47.67968037 Fail
19	haircare	SKU18	374	17	27.10798085 Pending
20	skincare	SKU19	694	16	82.37332059 Fail
21	skincare	SKU20	309	6	65.68625961 Pass
22					

cosmetics

Query Settings X

PROPERTIES

Name
Manufacturing

All Properties

APPLIED STEPS

Source
Promoted Headers
Changed Type
Removed Columns

5. Now again create another duplicate of “Sustainable Supply Chain Performance” table and rename the duplicate to “Supplier” and then remove the undesired columns to get the desired table.

Table.RemoveColumns(#"Changed Type",{ "Product type", "SKU", "Price", "Availability", "Number of products sold", "Revenue generated", "Inspection results" })

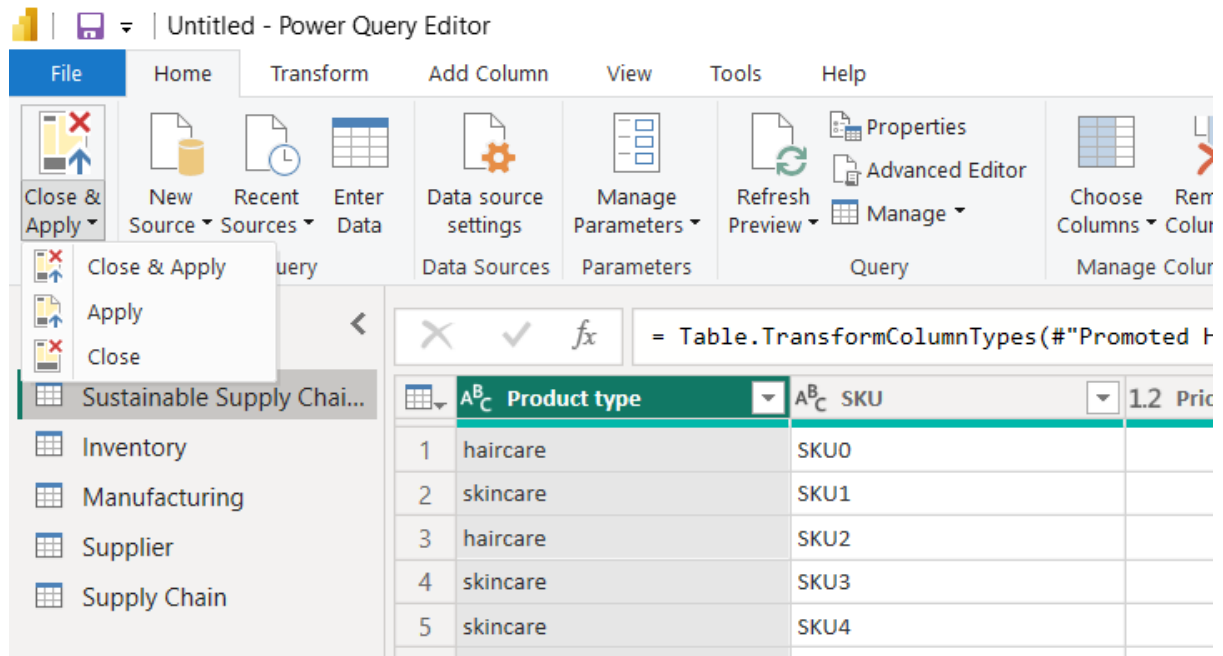
	Supplier name	Location	Lead time	Transportation modes	Routes
1	Supplier 3	Mumbai	29	Road	Route B
2	Supplier 3	Mumbai	23	Road	Route B
3	Supplier 1	Mumbai	12	Air	Route C
4	Supplier 5	Kolkata	24	Rail	Route A
5	Supplier 1	Delhi	5	Air	Route A
6	Supplier 4	Bangalore	10	Road	Route A
7	Supplier 3	Kolkata	14	Sea	Route A
8	Supplier 4	Bangalore	22	Road	Route C
9	Supplier 4	Mumbai	13	Sea	Route B
10	Supplier 2	Chennai	29	Rail	Route B
11	Supplier 5	Kolkata	18	Road	Route B
12	Supplier 2	Kolkata	28	Air	Route A
13	Supplier 4	Kolkata	3	Road	Route B
14	Supplier 5	Bangalore	23	Road	Route B
15	Supplier 1	Kolkata	25	Air	Route B
16	Supplier 1	Bangalore	14	Sea	Route B
17	Supplier 1	Bangalore	3	Air	Route A
18	Supplier 1	Chennai	7	Air	Route C
19	Supplier 2	Kolkata	18	Sea	Route A
20	Supplier 4	Chennai	20	Road	Route C
21	Supplier 1	Chennai	29	Air	Route B
22	Supplier 5	Chennai	19	Air	Route C
23	Supplier 4	Kolkata	22	Rail	Route C
24	Supplier 5	Kolkata	11	Rail	Route A
25	Supplier 2	Bangalore	28	Air	Route A
26	Supplier 4	Kolkata	19	Road	Route B
27	Supplier 2	Bangalore	26	Rail	Route A
28	Supplier 5	Mumbai	25	Sea	Route B

6. Now again create another duplicate of “Sustainable Supply Chain Performance” table and rename the duplicate to “Supply Chain” and then remove the undesired columns to get the desired table.

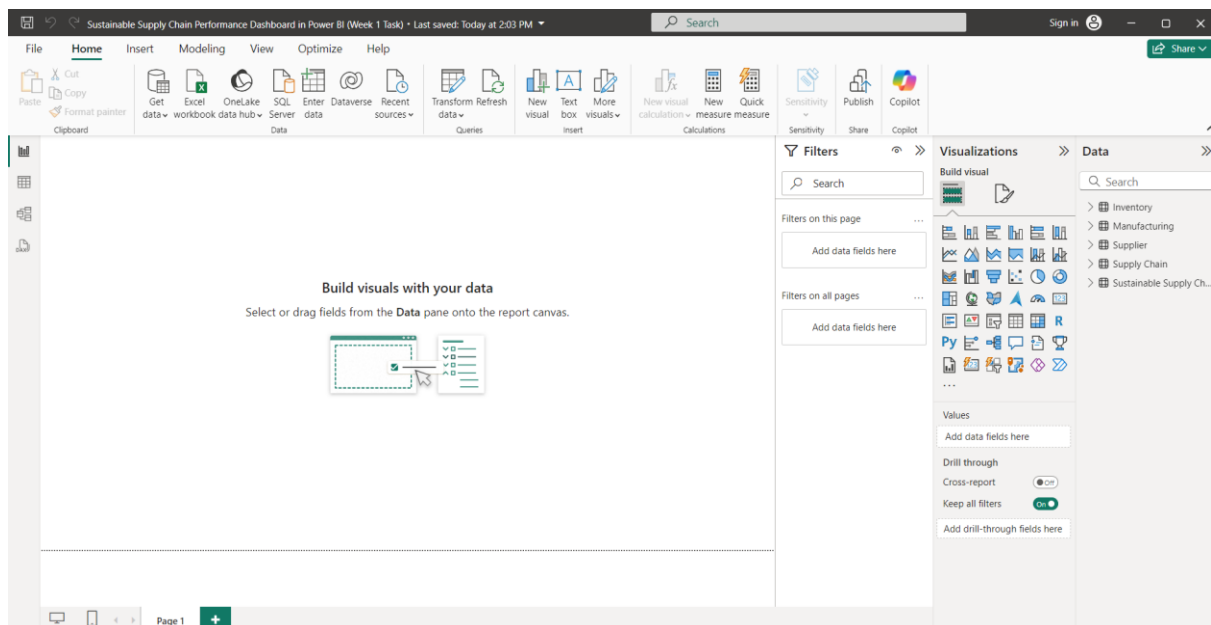
Table.RemoveColumns(#"Changed Type",{ "Production volumes", "Manufacturing lead time", "Manufacturing costs", "Inspection results" })

	Product type	SKU	Price	Availability	Number of products sold	Revenue generated	Customer
1	haircare	SKU0	69.80800554	55	802	8661.996792	Non-bir
2	skincare	SKU1	14.84352328	95	736	7460.900065	Female
3	haircare	SKU2	11.31968329	34	8	9577.749626	Unknow
4	skincare	SKU3	61.16343402	68	83	7766.836426	Non-bir
5	skincare	SKU4	4.805496036	26	871	2686.505152	Non-bir
6	haircare	SKU5	1.699976014	87	147	2828.348746	Non-bir
7	skincare	SKU6	4.078332863	48	65	7823.47656	Male
8	cosmetics	SKU7	42.95838438	59	426	8496.103813	Female
9	cosmetics	SKU8	68.71759675	78	150	7517.363211	Female
10	skincare	SKU9	64.01573294	35	980	4971.145988	Unknow
11	skincare	SKU10	15.70779568	11	996	2330.965802	Non-bir
12	skincare	SKU11	90.63545998	95	960	6099.944116	Female
13	haircare	SKU12	71.21338908	41	336	2873.741446	Unknow
14	skincare	SKU13	16.16039332	5	249	4052.738416	Male
15	skincare	SKU14	98.17132864	26	562	8653.570926	Non-bir
16	skincare	SKU15	36.98904493	94	469	5442.086785	Non-bir
17	skincare	SKU16	7.547172111	74	280	6453.797968	Female
18	cosmetics	SKU17	81.46233437	82	126	2629.396435	Female
19	haircare	SKU18	36.43627777	23	620	9364.673505	Unknow
20	skincare	SKU19	51.12387009	100	187	2553.495585	Unknow
21	skincare	SKU20	96.34107244	22	320	8128.027697	Unknow
22	cosmetics	SKU21	84.89386898	60	601	7087.052696	Unknow
23	haircare	SKU22	27.67978089	55	884	2390.807867	Unknow
24	cosmetics	SKU23	4.324341186	30	391	8858.367571	Unknow
25	haircare	SKU24	4.156308359	32	209	9049.077861	Male
26	haircare	SKU25	38.62934399	73	142	2174.777054	Male
27	haircare	SKU26	97.44694662	9	353	3716.493326	Male

7. After creating all the desired tables, go to home section and click on “Close & Apply” so save your progress that you have done till now.



8. After this the following window will be shown.



This Sums up the work done by me in the week 1.