

SUSTAINABLE SUPPLY CHAIN PERFORMANCE DASHBOARD- POWER BI

- Power BI is a business insight tool used to visualize data for better understanding.
- ETL - Export data (get data from data source)
Transform data (data processing and cleaning)
Load data (analysis of data)
- Step 1: Create a blank report
- Step 2: In the home tab, get data, choose csv file and select the dataset
- Step 3: Load the data set
- Step 4: In the home tab, select transform data which leads to a power query editor tab
- Step 5: Create 5 query tables
 - Sustainable supply chain (the dataset provided)
 - Inventory
 - Manufacturing table
 - Supplier Table
 - Supply chain table

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Recent Enter Data Data source settings Data Sources Manage Parameters Refresh Preview Advanced Editor Choose Remove Columns * Columns * Keep Remove Rows * Rows * Sort Split Column * Group By Transform Data Type: Text * Merge Queries * Text Analytics Append Queries * Vision Combine Files Azure Machine Learning Combine All Insights

Queries [5]

Sustainable Supply Chain... Inventory Manufacturing Table Supplier Table Supply Chain Table

Table.TransformColumnTypes(*Promoted Headers,{"Product type", type text}, {"SKU", type text}, {"Price", type number}, {"Availability", type text}, {"Number of products sold", type number}, {"Revenue generated", type number}, {"Customer", type text})

	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	Unknov
4	skincare	SKU3	61.16334302	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	Unknov
11	skincare	SKU10	15.70779568	11	996	2330.965802	Non-bir
12	skincare	SKU11	90.63545998	95	960	6099.944116	Female
13	haircare	SKU12	71.2138908	41	336	2873.741446	Unknov
14	skincare	SKU13	16.16039932	5	249	4052.738416	Male
15	skincare	SKU14	99.17132864	26	562	8653.570926	Non-bir
16	skincare	SKU15	36.98924493	94	469	5442.086785	Non-bir
17	skincare	SKU16	7.54717211	74	280	6453.797968	Female
18	cosmetics	SKU17	81.46253437	82	126	2629.396435	Female
19	haircare	SKU18	36.44362777	23	620	9364.673505	Unknov
20	skincare	SKU19	51.12387009	100	187	2553.495585	Unknov
21	skincare	SKU20	96.34107244	22	320	8128.027697	Unknov
22	cosmetics	SKU21	84.89386898	60	601	7087.052696	Unknov
23	haircare	SKU22	27.67978089	55	884	2390.807867	Unknov
24	cosmetics	SKU23	4.324341186	30	391	8858.367571	Unknov
25							

24 COLUMNS, 100 ROWS Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 00:22

Query Settings

PROPERTIES

Name

Sustainable Supply Chain Performance

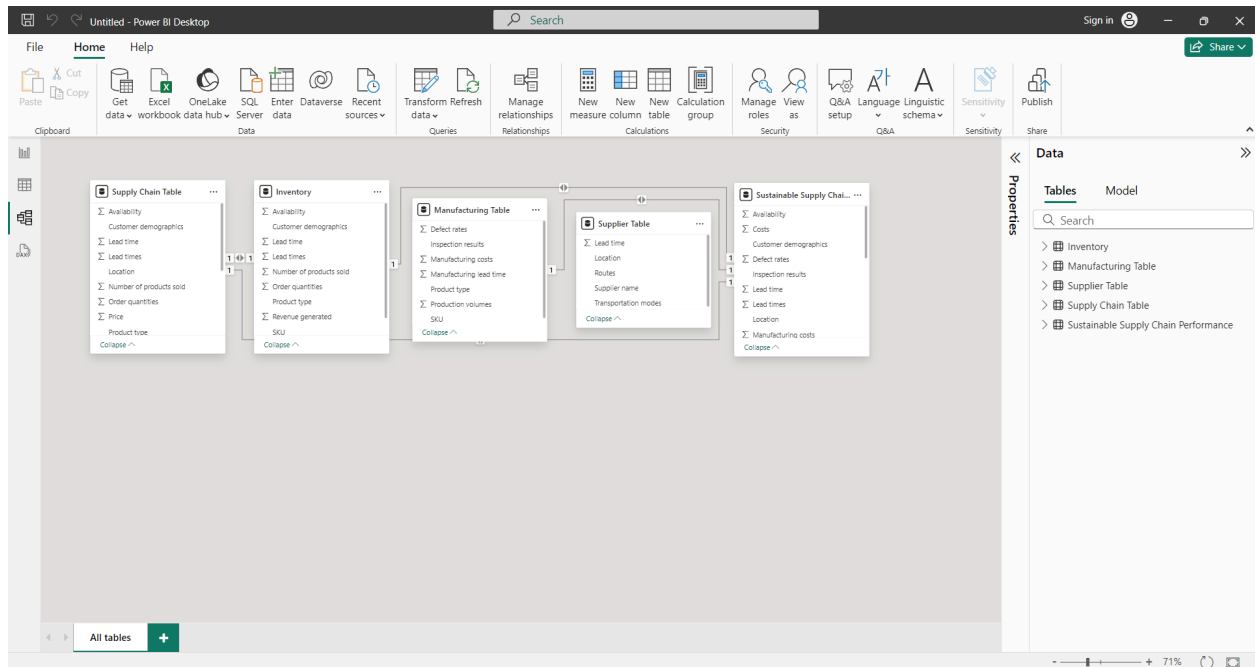
APPLIED STEPS

Source

Promoted Headers

Changed Type

- Step 6: Keep the following tables in each query



- Step 7: Click close and apply
- Step 8: Save the Power BI file