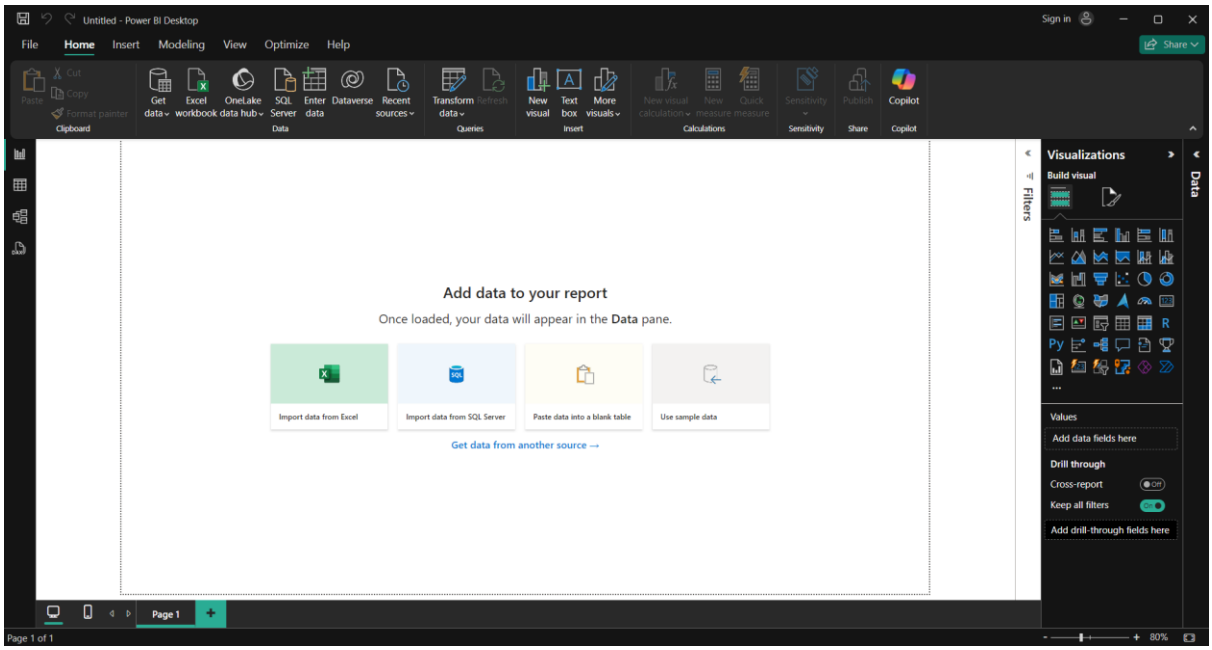
The Week 1 task for Edunet Internship was done on Power BI. I imported & created various tables, I'll be explaining this in-detailed below:

1) Importing the data

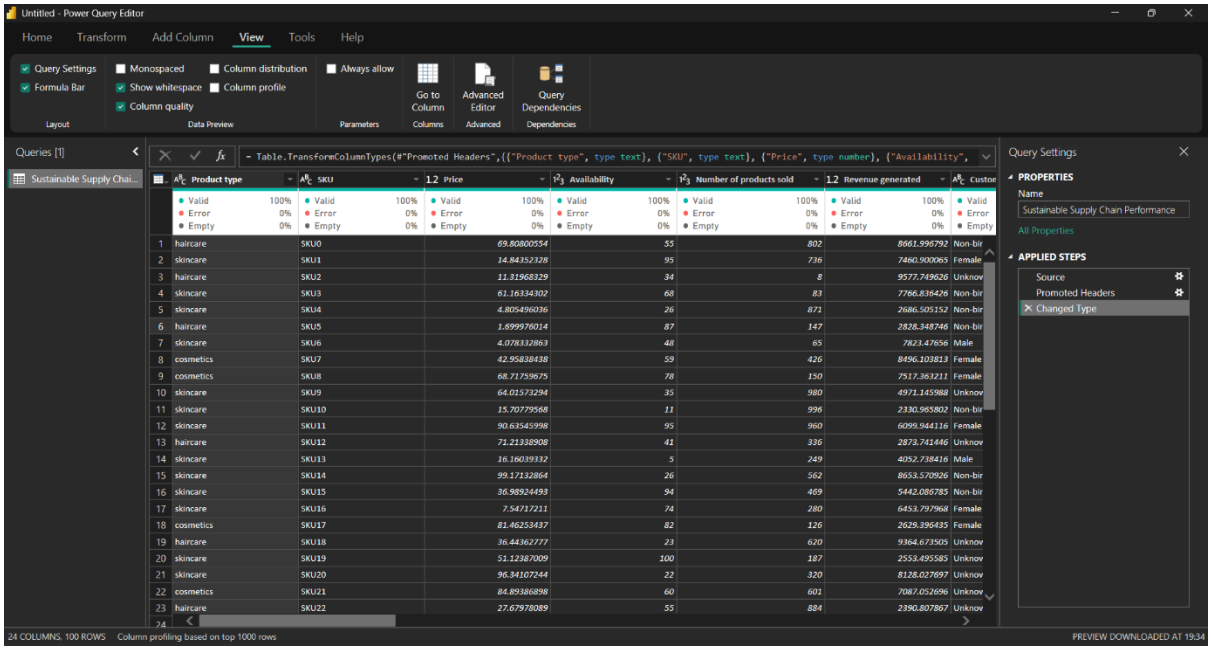
Open Power BI Desktop click on blank report this will open the Power BI Desktop window, on right hand side under Visualizations you'll be able to see multiple charts, graphs, etc. The middle area is known as a Canvas where you can import data from various sources by clicking on "**Get data from another source**" after clicking that a new window will pop-up where you can select the format of the file which you want to import after which you have to click connect & import your file then select "**Load"**.



2) Transforming Data

On the right-hand side you'll see your data, in order to transform it click the "**Transform Data**" button under the "**Home**" tab. This will open the Power Query Editor, where you can remove rows or columns which you don't need, split or merging columns, replace

the values & much more things. You can understand the quality of your data by going into the “**View**” & then by clicking “**Column quality**”, this will show you if your data has errors, duplicates or nulls.

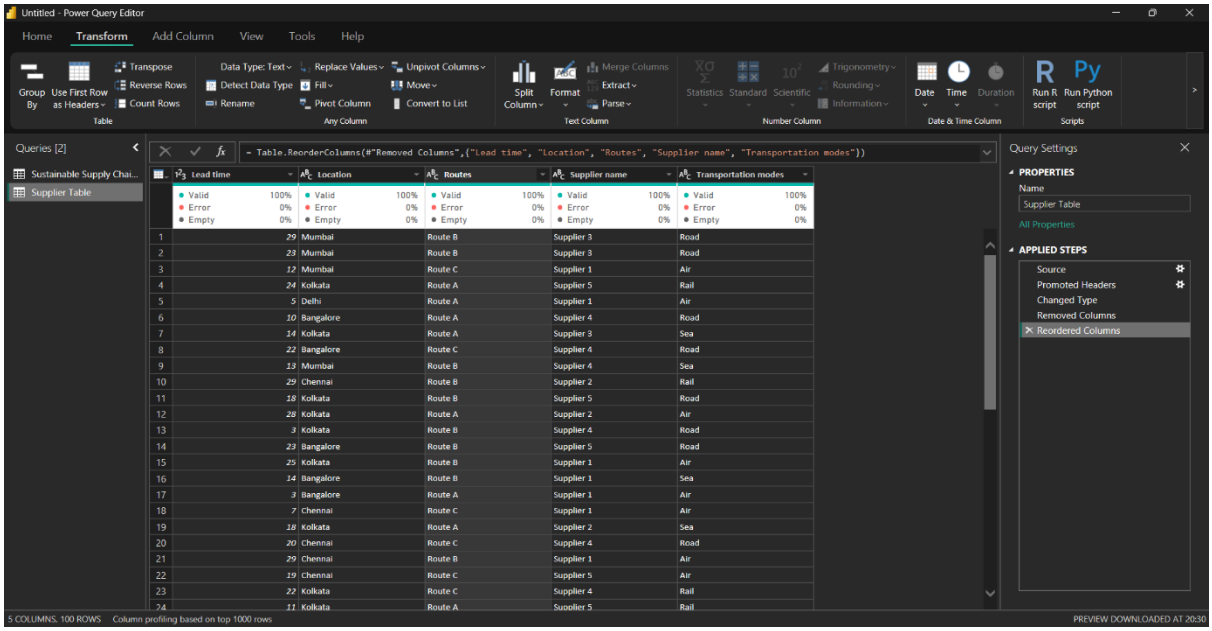


3) Creating Table:

Since this is a very diverse & big table to use it properly & make the most out of it, we’ll sort it into various different tables like one for manufacturing, one for supply chain, etc.

4) Supplier Table:

Under the “**Queries**” tab right click on your dataset & select “**Duplicate**” this will create an exact copy of your dataset which you rename & can work on. Now in supplier table we only need 5 out of all the 24 columns. So, we’ll have to remove the unnecessary columns you can do this by right clicking on the column & then clicking on “**Remove**”.

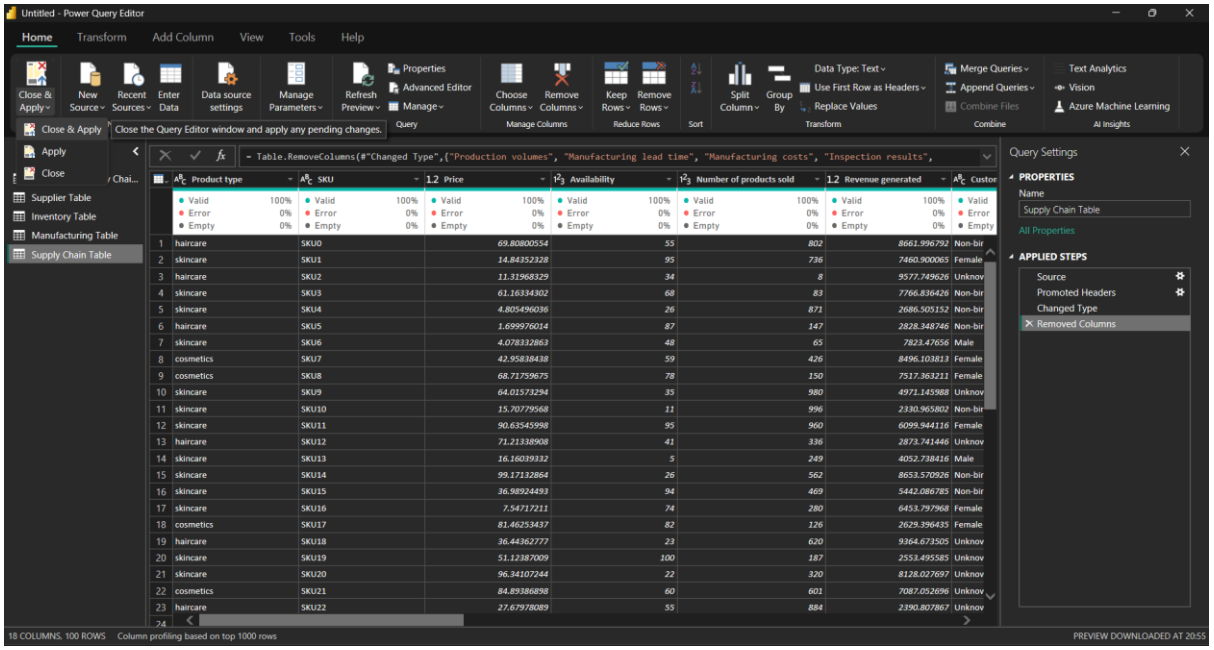


5) Creating other tables:

Similarly, we'll make a few more table for Inventory, Manufacturing, Supply Chain by selecting the non-essential columns & removing them. You can do this much faster by holding the "**Ctrl**" key & selecting all the unnecessary columns & then removing them at once. If by mistake if you deleted a column which was needed, you can click the "**cross**" that turns red when you hover over it which is under "**APPLIED STEPS**" in the "**Query Settings**" this will bring all the removed columns back.

6) Saving the changes:

After duplicating the original dataset, renaming it, removing unnecessary columns. You have to click "**Close & Apply**" without this the changes won't be saved. After which click the "**File**" tab & save the file.


Untitled - Power Query Editor
Home
Transform
Add Column
View
Tools
Help
Close & Apply
New Source
Recent Sources
Enter Data
Data source settings
Manage Parameters
Refresh Preview
Properties
Advanced Editor
Manage
Choose Columns
Remove Columns
Keep Rows
Remove Rows
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
Close & Apply
Close the Query Editor window and apply any pending changes.
Query
Manage Columns
Reduce Rows
Sort
Transform
Combine
AI Insights
Apply
Close
Supplier Table
Inventory Table
Manufacturing Table
Supply Chain 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
Custor
Valid 100%
Error 0%
Empty 0%
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 71.21338908 41 336 2873.741446 Unknov
14 skincare SKU13 16.16039332 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
Query Settings
PROPERTIES
Name
Supply Chain Table
All Properties
APPLIED STEPS
Source
Promoted Headers
Changed Type
Removed Columns
18 COLUMNS, 100 ROWS
Column profiling based on top 1000 rows
PREVIEW DOWNLOADED AT 20:55