# Power BI – How to Transform and Clean Data (Power Query)

#### Introduction

In this document, I tried to user Power Bi (Power Query) to transform and clean data.

# Step 1) Download the EXCEL

#### **Excel Sample Data:**

You can find the below excel file in my github.



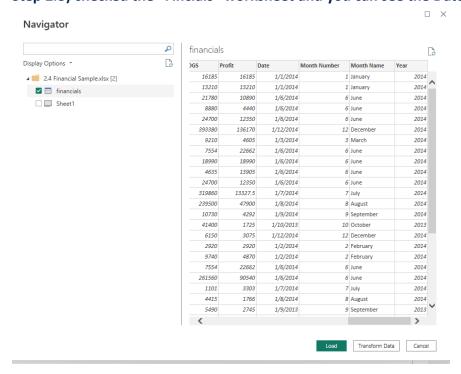
# Step 2) Load the Data

#### **Excel file import**

Step 2.1) Open the power BI desktop.

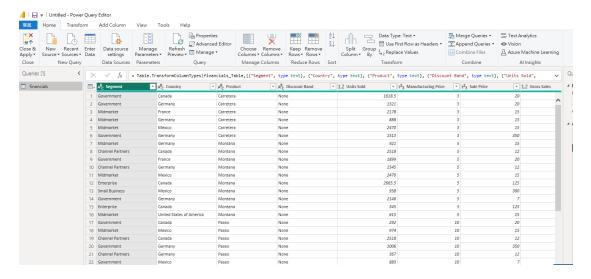
Step 2.2) Click "Import data from excel" and choose the file "Fincial Sample.xlsx" to import.

Step 2.3) checked the "Fincials" worksheet and you can see the Date column

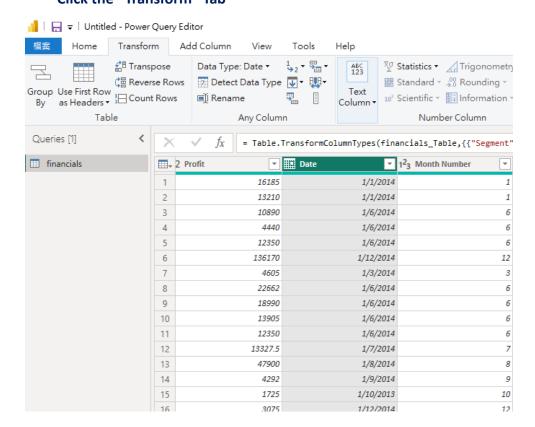


# Step 3) Transform the Data

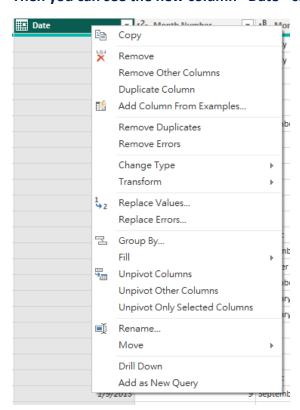
Step 3.1) Click "Transform Data" button, then you will see the Power Query screen.



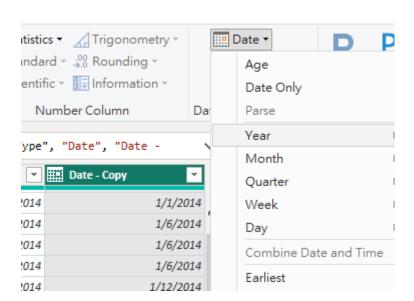
Step 3.2) Find the column, you want to transform.
In this example, we will use the "Date" column to transform
Click the "Date" Column header
Click the "Transform" Tab



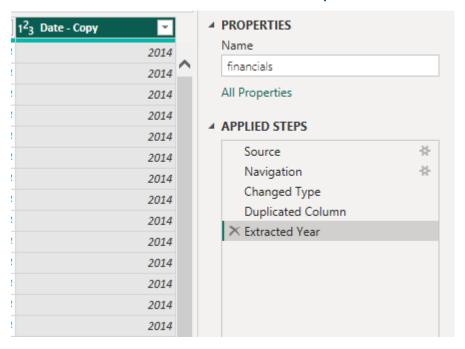
Step 3.3) Extract the "Date" column and form a new column (Year) Right Click the "Date" column and Click "Duplicate Column" Then you can see the new column "Date - copy"



Step 3.4) Use the new column "Date - copy" to extract the Year Click "Date - Copy" column and Click the "Date" dropdown on top Click "Year"

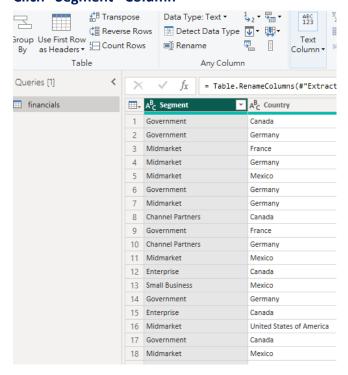


Step 3.5) The year will be extract, the Transform process is completed Please rename the column name to "Year",

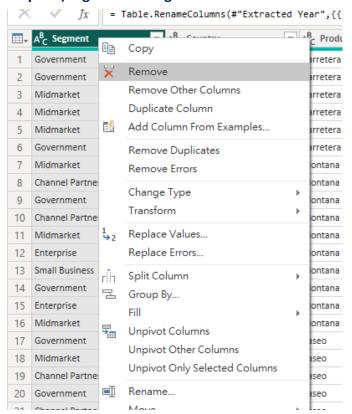


# Step 4) Clean the Data

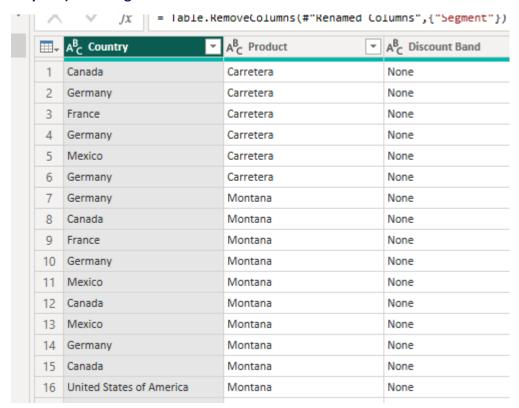
Step 4.1) In this example, you want to remove the column Segment Clich "Segment" Column



Step 4.2) Right Click "Segment" Column and Click "Remove"

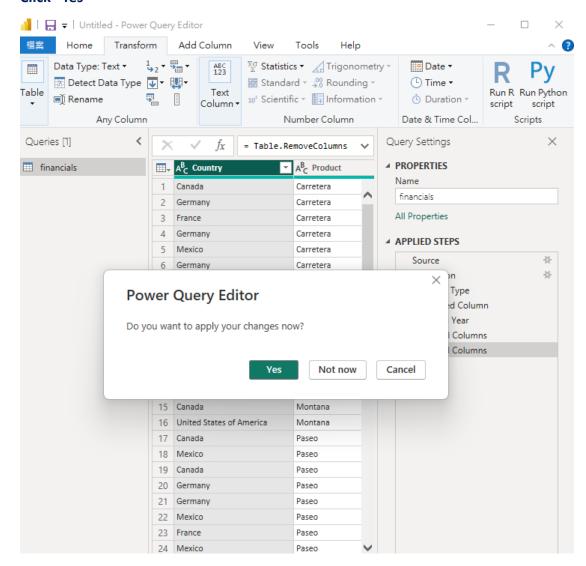


Step 4.3) The "Segment" column will be removed



# **Step 5) Close and Apply the Change**

Step 5.1) Close the Power Query
It will ask you "Do you want to apply your changes now?"
Click "Yes"



# **Step 6) Close and Apply the Change**

Step 6.1) After close all and apply the change , You can select the fields you want and display

