Furniture shop

Data source Kaggle - <https://www.kaggle.com/zhoumeixing/furniture-superstore-2017-2018>

Here three tables 1) orders 2) People 3) Returns

Step 1 – Connecting excel file to powerbi

Step 2- transform in power query editor

Here order table includes Product ID, product category, sub-category, Product name so I created sperate product dimension table by duplicating the orders table and removing all others columns and also removing these columns in order table and Product is the relation b/w this two tables

In the same way customers table – customer Id, customer name, segment, city, state, region.

=> here there is no relationship orders and returns data because orders are from 2017 & 2018 years but returns are from 2012, 2013, 2014, 2015

In returns table we extract the year from Order ID,

So both are Independent tables no relationship among them

Step 3 – There is blank cell in ship date & it is same day delivery so order date = ship date. Using if statement fill the blank cell with order date.

Ship date 1 =

IF(Orders[Ship Date] = BLANK(),

'Orders'[Order Date],

Orders[Ship Date].[Date]

)

Step 4 – creating date table

Date =

ADDCOLUMNS(

CALENDAR(DATE(2017,1,1),DATE(2018,12,31)),

"Year", YEAR([Date]),

"Quarter", "Q" & QUARTER([Date]),

"quarterNo", QUARTER([Date]),

"Month No", MONTH([Date]),

"Month", FORMAT([Date], "MMM"),

"Day", FORMAT([Date], "DDD"),

)

Now we have customers, Date, Orders, Product, Returns table are there. (we remove people table because customers table is same).

Step 5 -   
For checking the number of return for specific time period

Count returns =

COUNTROWS(Returns)