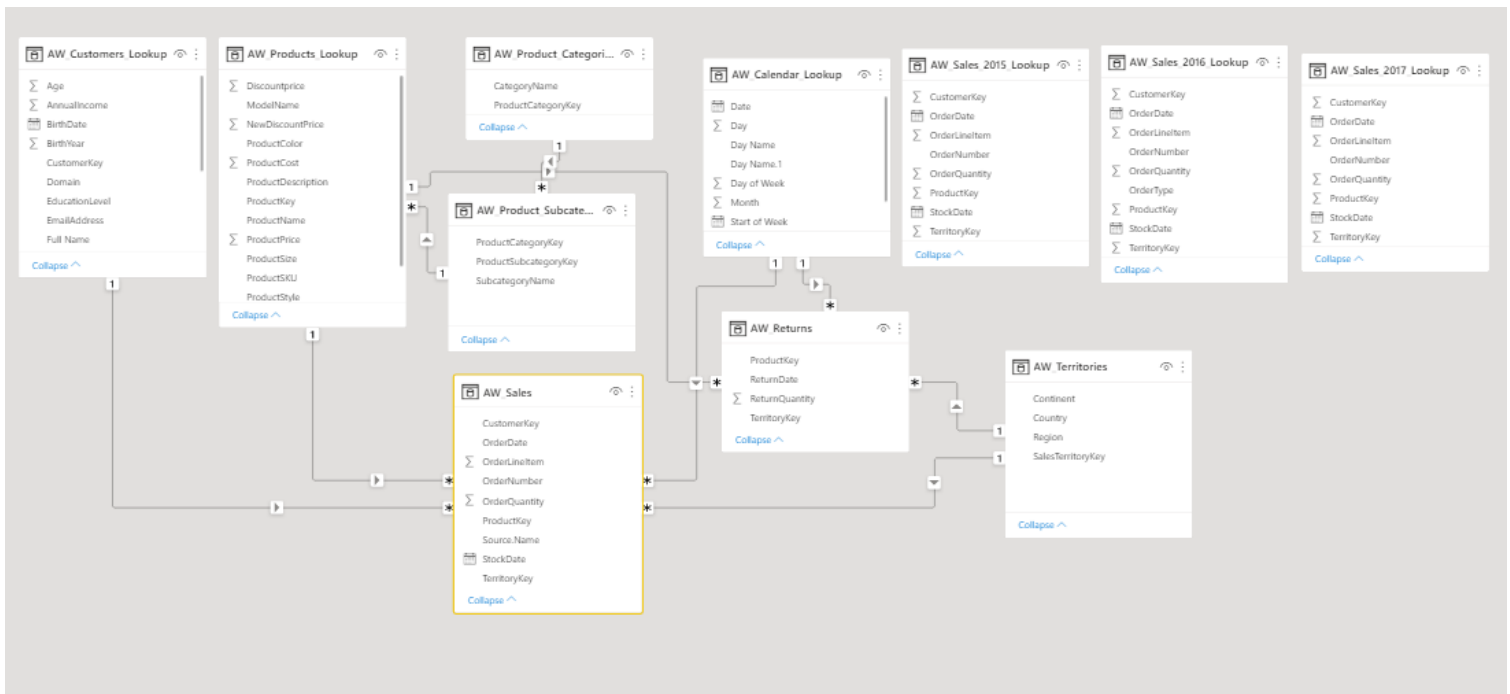


Assignment 2:

Q1 & Q2 :

Active	From: Table (Column)	To: Table (Column)
✓	AW_Product_Subcategory_Lookup (ProductCategoryKey)	AW_Product_Categories_Lookup (ProductCategoryKey)
✓	AW_Products_Lookup (ProductSubcategoryKey)	AW_Product_Subcategory_Lookup (ProductSubcategoryKey)
✓	AW>Returns (ProductKey)	AW_Products_Lookup (ProductKey)
✓	AW>Returns (ReturnDate)	AW_Calendar_Lookup (Date)
✓	AW>Returns (TerritoryKey)	AW_Territories (SalesTerritoryKey)
✓	AW_Sales (CustomerKey)	AW_Customers_Lookup (CustomerKey)
✓	AW_Sales (OrderDate)	AW_Calendar_Lookup (Date)
✓	AW_Sales (ProductKey)	AW_Products_Lookup (ProductKey)
✓	AW_Sales (TerritoryKey)	AW_Territories (SalesTerritoryKey)



Q3:

3.1 – Accessories had the highest number of returns with 1130.

CategoryName	ReturnQuantity
Accessories	1130
Bikes	429
Clothing	269
Total	1828

3.2 – The number of returns in 2016 with 770 returns while in 2015 it was 86 returns.

Year	ReturnQuantity
2015	86
2016	770
2017	972
Total	1828

3.3 – it shows all customers had the same number of return Quantity

Full Name	ReturnQuantity
ABBY RANA	1828
ADRIANA GONZALEZ	1828
AIDAN HAYES	1828
ALEJANDRO BECK	1828
ALEXA COX	1828
ALEXA WATSON	1828
ALEXANDER JACKSON	1828
ALEXANDRA EVANS	1828
ALEXANDRIA STEWART	1828
ALISHA LIU	1828
ALISHA SHAN	1828
AMANDA PERRY	1828
ANDREA WRIGHT	1828
ANGELA BUTLER	1828
ANGELA PERRY	1828
ANNA GRIFFIN	1828
Total	1828

3.4 – The total Order Quantity for product #338 was 50.

ProductKey	ReturnQuantity	OrderQuantity
214	70	2099
215	52	1940
220	66	1995
223	46	4151
226	12	392
229	15	408
232	15	424
235	10	381
310	4	169
311	7	139
312	8	179
313	5	168
314	5	157
320	3	65
322	2	39
324	3	72
326	3	65
328	4	75
330	6	51
332	2	64
334	2	63
336	1	50
338		50
Total	1828	84174

Q4:

The values for Order Quantity are repeated

ProductKey	ReturnQuantity	OrderQuantity
350	2	84174
349	1	84174
348	1	84174
347	1	84174
346	2	84174
342	1	84174
340	1	84174
336	1	84174
334	2	84174
332	2	84174
330	6	84174
328	4	84174
326	3	84174
324	3	84174
322	2	84174
320	3	84174
314	5	84174
313	5	84174
312	8	84174
311	7	84174
310	4	84174
235	10	84174
232	15	84174
Total	1828	84174

After changing the relationship between AW_Returns and AW_Product_Lookup ,cross filter direction to both.

ProductKey	ReturnQuantity	OrderQuantity
369	4	161
368	3	141
362	18	606
360	21	602
358	15	569
356	12	571
354	15	547
352	17	586
351	2	36
350	2	31
349	1	26
348	1	26
347	1	22
346	2	24
342	1	72
340	1	56
336	1	50
334	2	63
332	2	64
330	6	51
328	4	75
326	3	65
324	3	72
Total	1828	84174

Q5:

-Change cross filter direction between AW_Returns and AW_Product_Lookup back to single.

-Hide the productKey field in AW_Returns table

-Update the Matrix to show productKey from the AW_Product_Lookup , rather than AW_Returns.

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ProductKey	ReturnQuantity	OrderQuantity
214	70	2099
215	52	1940
220	66	1995
223	46	4151
226	12	392
229	15	408
232	15	424
235	10	381
310	4	169
311	7	139
312	8	179
313	5	168
314	5	157
320	3	65
322	2	39
324	3	72
326	3	65
328	4	75
330	6	51
332	2	64
334	2	63
336	1	50
338		50
Total	1828	84174