**Power BI –**

**Assignment #2 by Ahmed Magdy**

**Dated: 30 December 2021**

Return to the REPORT view, and complete the following:

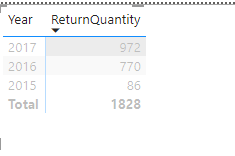
Edit (or insert) the matrix visual to show ReturnQuantity (values) by CategoryName (rows) from the AW\_Product\_Category\_Lookup table



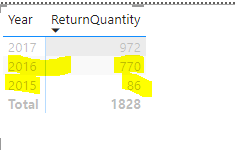
• Which category saw the highest volume of returns? How many?



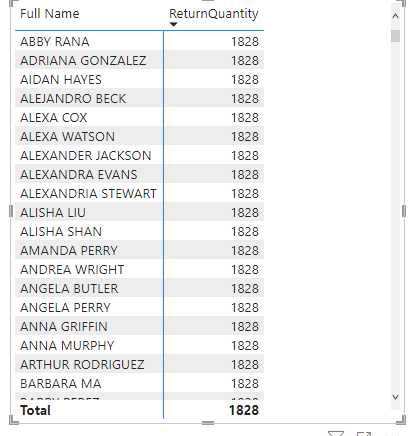
Replace CategoryName with Year from the AW\_Calendar\_Lookup table



How many returns do you see in 2015 vs. 2016?



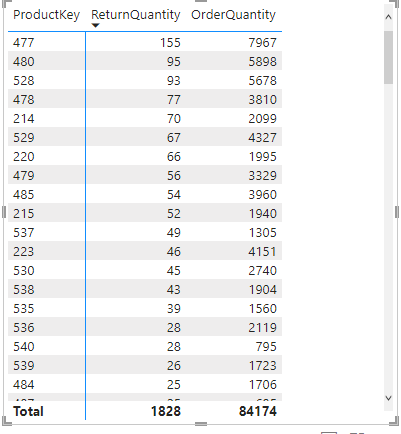
Replace Year with FullName from the AW\_Customer\_Lookup table



• What do you see, and why?

Return quantity is repeated for full name, as there is no relationship between these two fields/tables , that’s why.

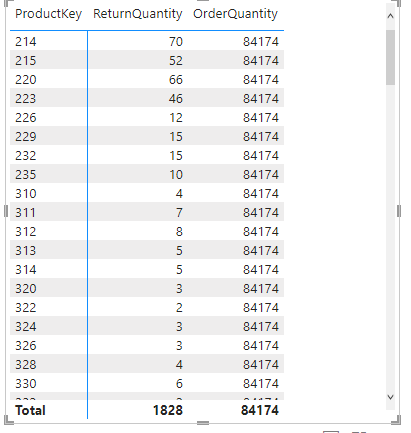
Update the matrix to show both OrderQuantity and ReturnQuantity (values) by ProductKey (rows) fro m the AW\_Product\_Lookup table



What was the total OrderQuantity for Product #338?



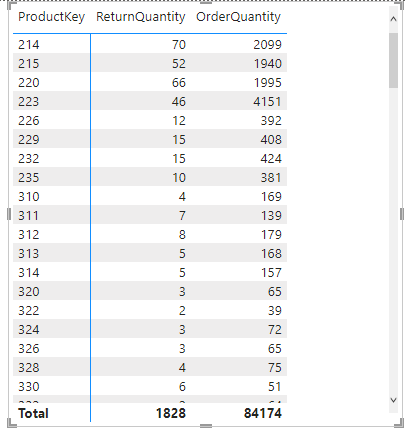
Unhide the ProductKey field from the AW\_Returns tables (using either the DATA or RELATIONSHIPS view): • In the matrix, replace ProductKey from AW\_Product\_Lookup with ProductKey from the AW\_Returns table



• Why do we the same repeating values for OrderQuantity?

**Because Productkey under returnrs table is not the lookup field.**

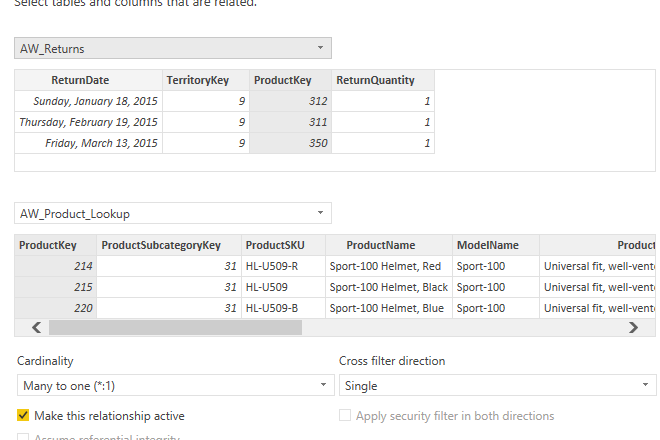
Edit the relationship between AW\_Returns and AW\_Product\_Lookup to change the cross filter direction from Single to Both



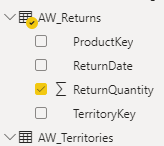
How many orders do we see now for Product #338? What's going on here?

NONE;

Change the cross filter direction between AW\_Returns and AW\_Product\_Lookup back to single (OneWay)



Hide the ProductKey field in the AW\_Returns table from report view (and any other foreign keys, if necessary)



Update the matrix to show ProductKey from the AW\_Product\_Lookup, rather than AW\_Returns

