

Scenario Based Interview Question #3

POWER BI INTERVIEW QUESTIONS

Note:- Asked In Service Based Company



Q.How can you show Dynamic Top n values in the visual?



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EASY TO LEARN**

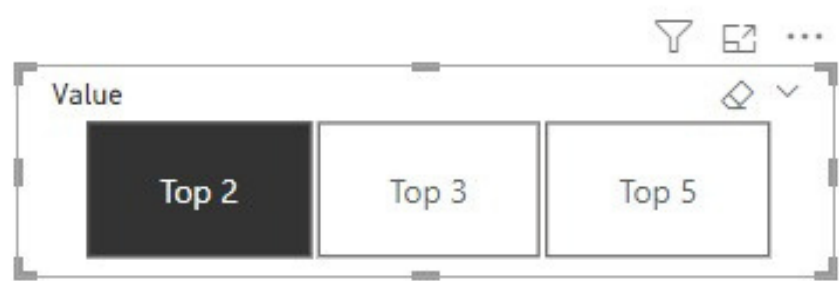
Lets consider that you have two tables left table contains the 3 values and right table contains the product and their sales .



product_	total sales top n products
a	600
b	1400
c	1000
d	1200
e	3200
f	100
g	2000
h	4400
Total	13900

#1 Now the Question is if you select top 2 from left table the right table should show the top2 products with their sales? How can you do this?

Sample Result



product_	Dynamic Sales Measure
e	3200
h	4400
Total	13900

#2 - To do this first you need to create a Rank measure to rank the products with their respective total sales.

cture

Formatting

Properties

Calculations

```
1 Ranks = RANKX(all('dynamic Top n'[product_]),[total sales top n products],,DESC,Dense)
```

Result

product_	total sales top n products	Ranks
a	600	7
b	1400	4
c	1000	6
d	1200	5
e	3200	2
f	100	8
g	2000	3
h	4400	1
Total	13900	1

#3 - Now you need to create a new measure using this rank measure and provide condition accordingly

Result

```
1 Dynamic Sales Measure =  
2     var selectval = SELECTEDVALUE('top Products'[Value])  
3     var dyn_sales = SWITCH(  
4         |         |         |         |         |         |         |         |         |         |  
5         |         |         |         |         |         |         |         |         |         |  
6         |         |         |         |         |         |         |         |         |         |  
7         |         |         |         |         |         |         |         |         |         |  
8         |         |         |         |         |         |         |         |         |         |  
9         |         |         |         |         |         |         |         |         |         |  
         selectval,  
         "Top 2",IF([Ranks]<=2,[total sales top n products]),  
         "Top 3",IF([Ranks]<=3,[total sales top n products]),  
         "Top 5",IF([Ranks]<=5,[total sales top n products]),  
         [total sales top n products])  
     return dyn_sales
```

#4 - Now you need to drag the Dynamic Sales Measure into your table then it will going to show results!!

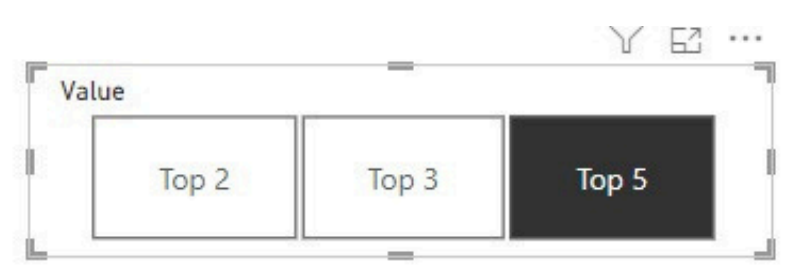
Result



product_	Dynamic Sales Measure
e	3200
h	4400
Total	13900



product_	Dynamic Sales Measure
e	3200
g	2000
h	4400
Total	13900



product_	Dynamic Sales Measure
b	1400
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