

ASSIGNMENT-16

September-25,2025

rating ▼	Col ▼	Column ▼	and ▼	or ▼	or_opera ▼	Column 2 ▼	Operator ▼
*****	0	0	0	1	1	1	1
***	1	1	1	0	1	0	0
***	0	0	0	0	1	0	0
*****	0	0	0	1	1	1	1
***	1	1	1	1	1	1	1
***	1	0	0	0	0	0	0
*****	0	0	0	0	0	0	0
*****	0	0	0	0	0	0	0
***	1	0	0	1	1	1	1
***	1	0	0	1	1	1	1
***	1	0	0	0	0	0	0
*****	0	0	0	1	1	1	1
*****	0	0	0	1	1	1	1
***	1	0	0	1	1	1	1
***	0	0	0	1	1	1	1
***	1	0	0	1	1	0	0
***	0	0	0	1	1	1	1

1. Rating column: Give 5 *'s if the sales is greater than 100 for other columns give 3 *'s.

Formula used: rating = IF(Logic[Sales]>100,"*****","***")

2. Col: Return 1 if the sales is less than 100 and the category is veg,return 0 for the remaining.

Formula: Col = IF(AND(Logic[Sales]<100,Logic[Category]="Veg"),1,0)

3. Column: Return 1 if the sales is less than 100 and category is veg and sold on Sunday orelse return 0.

Formula:

Column=IF(AND(Logic[Sales]<100,AND(Logic[Category]="Veg",Logic[Day]="Sunday")),1,0)

4. And: Return 1 if the sales is less than 100 and category is veg and sold on Sunday orelse return 0 using and operator.

Formula: and = IF(Logic[Sales]<100 && Logic[Category]="veg" && Logic[Day]="sunday",1,0)

5. Or: Return 1 if pizza name is farmhouse or price is more than 15 else return 0.

Formula:

or = IF(OR(Logic[Pizza_Name]="farmhouse",Logic[Price_USD]>15),1,0)

6. Or_opera: : Return 1 if pizza name is farmhouse or price is more than 15 else return 0 using operator.

Formula: or_opera = IF(Logic[Pizza_Name]="farmhouse" ||
Logic[Price_USD]>15 || Logic[Day]="sunday",1,0)

7. Column2: Return 1 if the pizza category is veg and price is less than 10 or pizza name is Chicago else return 0.

Formula:

Column2=IF(OR(Logic[Pizza_Name]="chicago",AND(Logic[Category]="veg",Logic[Price_USD]<10)),1,0)

8. Operator: Return 1 if the pizza category is veg and price is less than 10 or pizza name is Chicago else return 0 using operators.

Formula:

Operator = IF(Logic[Pizza_Name]="chicago" ||(Logic[Category]="veg" &&
Logic[Price_USD]<10),1,0)

9. Get the count of unique pizzas present in the table.

Measure: pizza_count = DISTINCTCOUNT('logic'[Pizza_Name])

To display it in the report view take a card and pass the value to it.

5

pizza_count

10. Display the unique pizzas names.

To do it we will go with table dax.

Click on any table navigate to new table.

Generate new table using the formula

distinct_pizza = DISTINCT('text'[Pizza_Name])

Pizza_Name
Farmhouse
Double Cheese
Deluxe
Chicago
Margherita