ANALYSIS OF MYNTRA PROJECT

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INTRODUCTION

Myntra is an Indian e-commerce company that specializes in and lifestyle products. Founded in 2007, it offers a wide range of clothing, accessories, and beauty products from various brands. Myntra is Known for its user-friendly interface, discount and unique shopping experiences, including curated collections and personalized recommendations. it's also Popular for its mobile. app, making online shopping convenient for users.

PROBLEMS

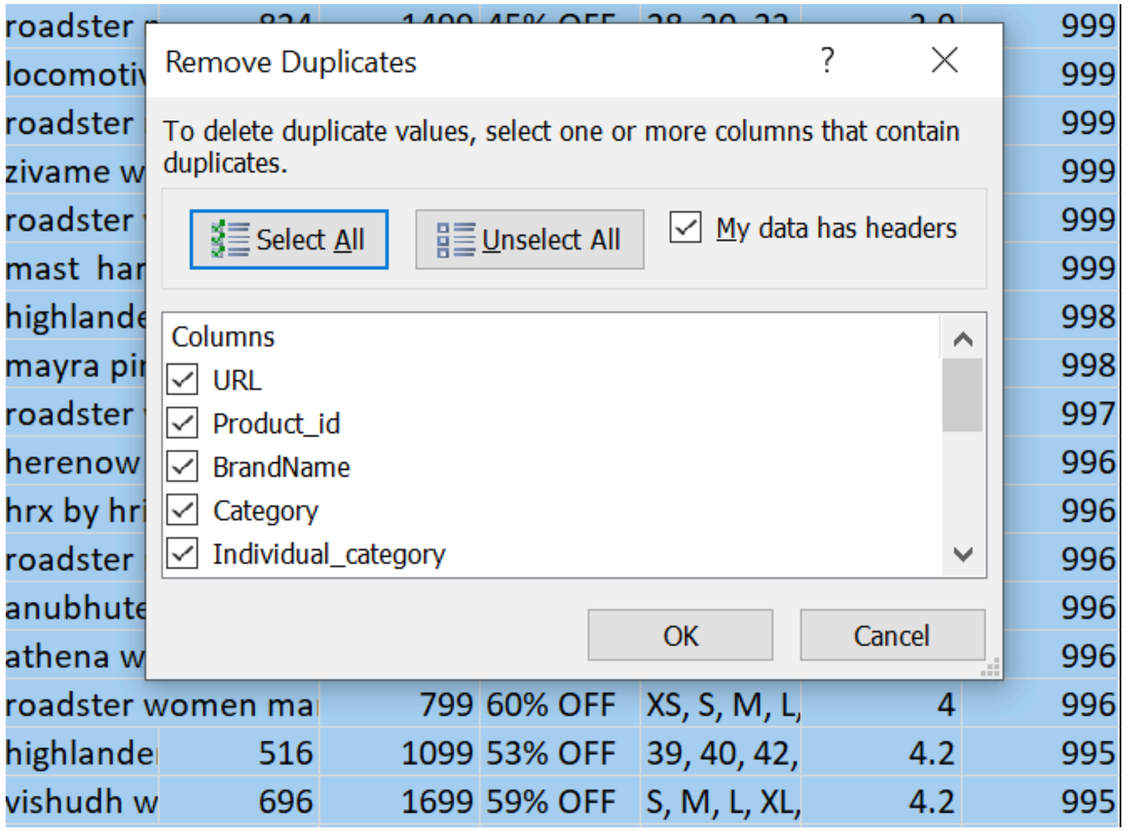
A. Data Cleaning and Preparation

B. Data Analysis

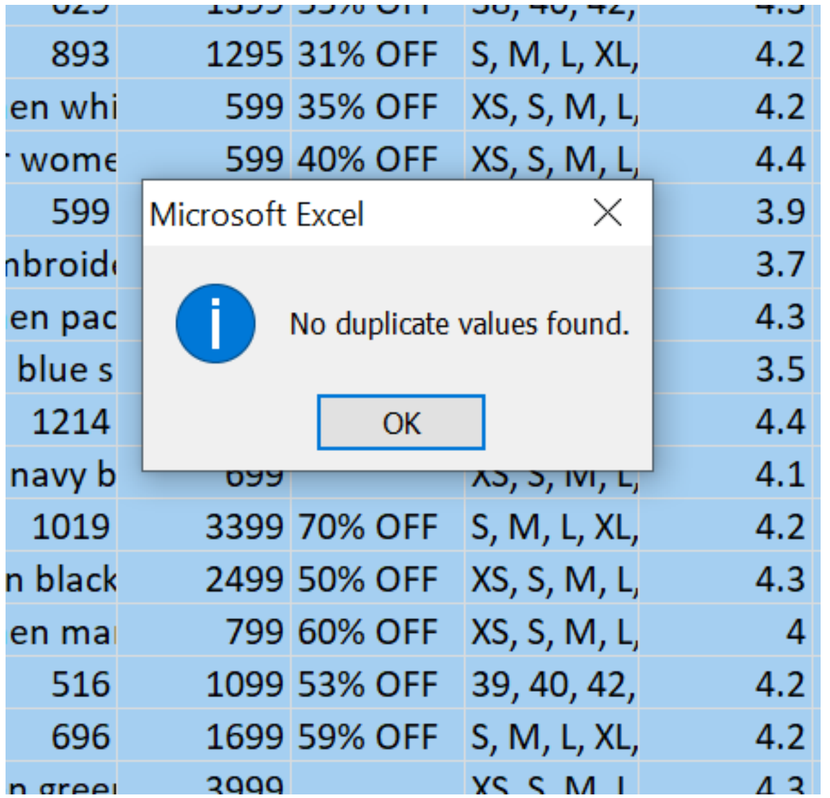
C. Data Retrieval and Lookup

A. Data Cleaning and Preparation

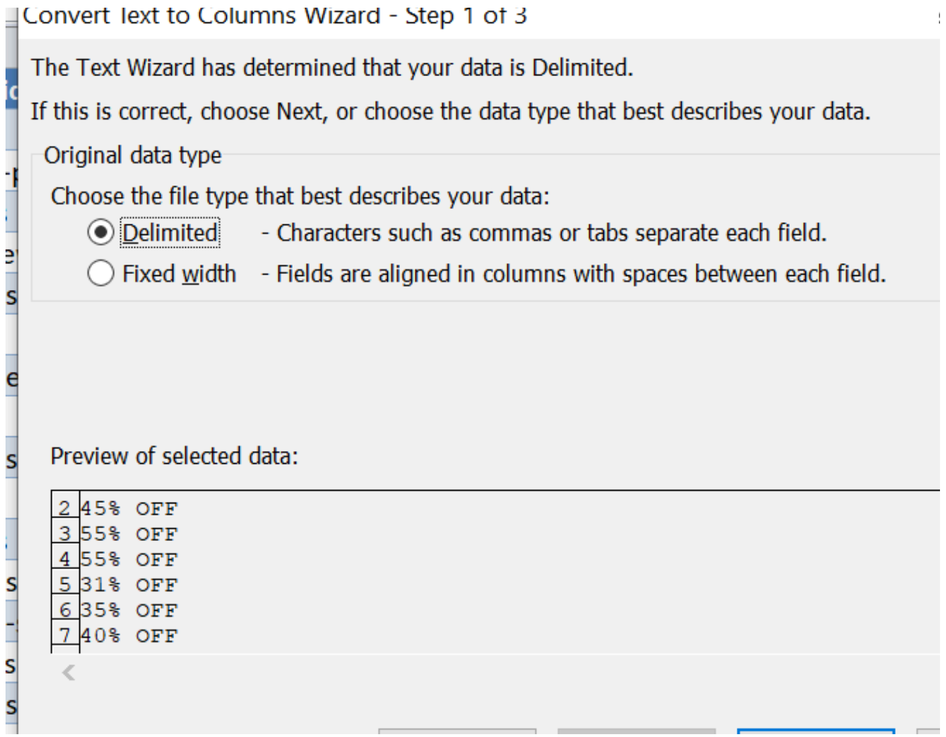
Q 1. CHECK FOR DUPLICATE VALUES IN YOUR DATASET AND REMOVE



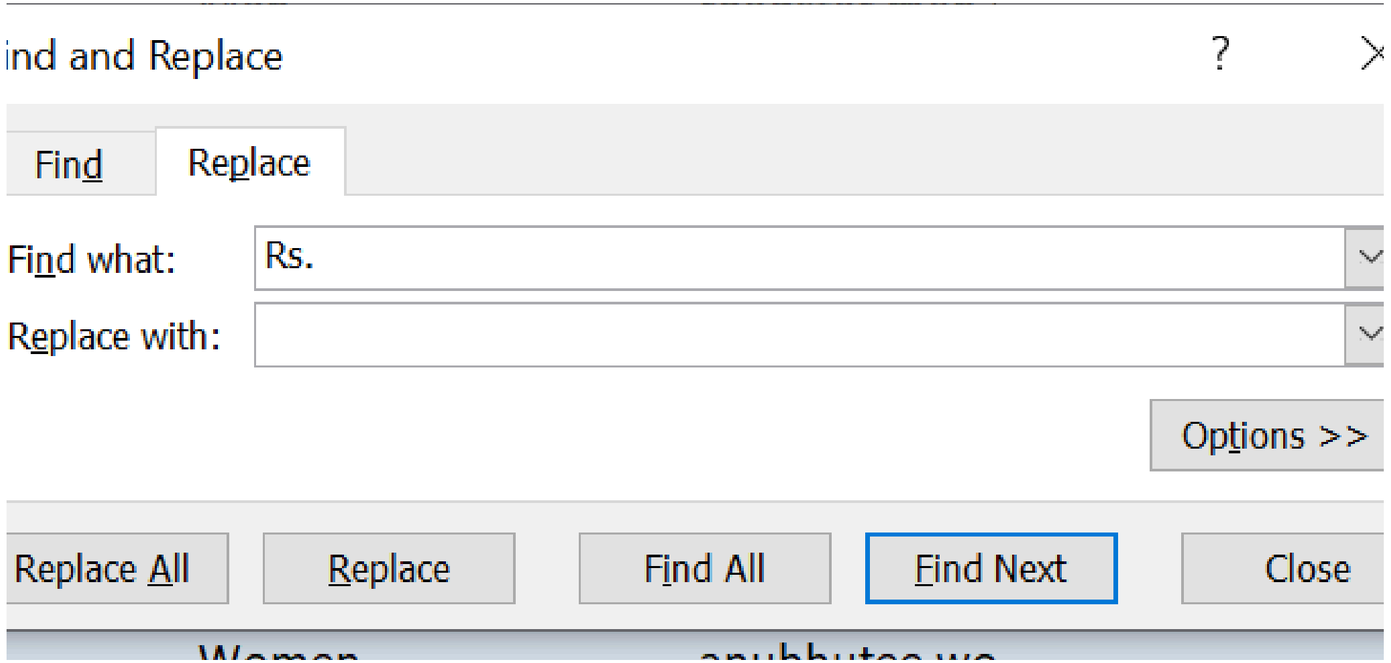
Select the dataset, go to Data > Remove Duplicates, and choose all columns to check for duplicates.



Q 2. Standardize the “Discountoffer” column to a single format, ensuring all values are uniform.

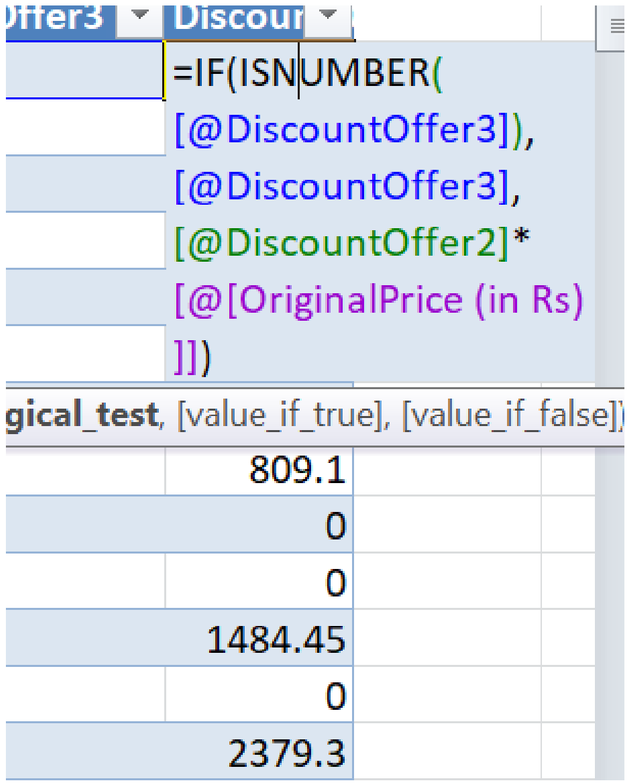


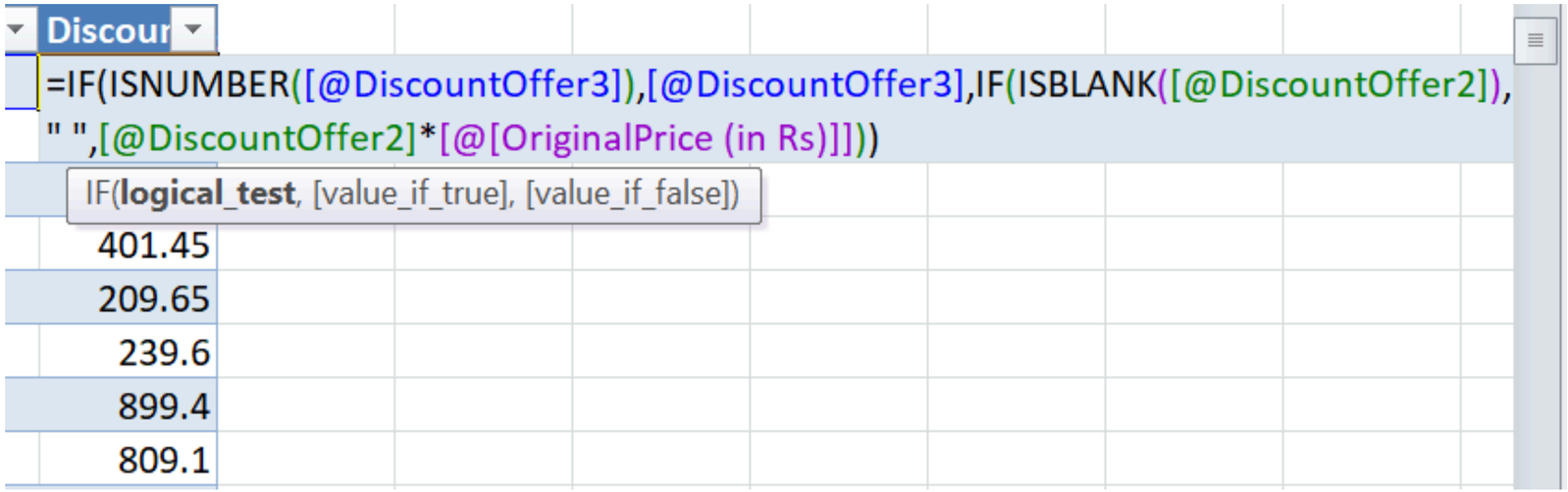
Select the “Discountoffer”
Go to Data->Text to Column
and replace all rupees (Rs.)
Select the “Discountoffer”
and press ctrl + F



Standardize “DiscountOffer” column to uniform format.

New, the Column will be standardized by converting percentage values into number using the formula displayed in the image



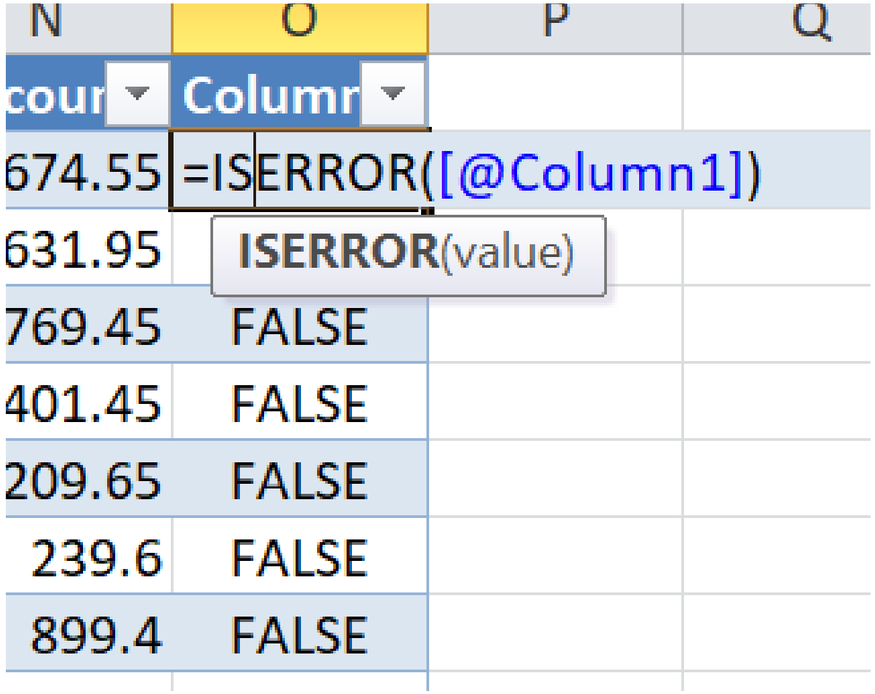


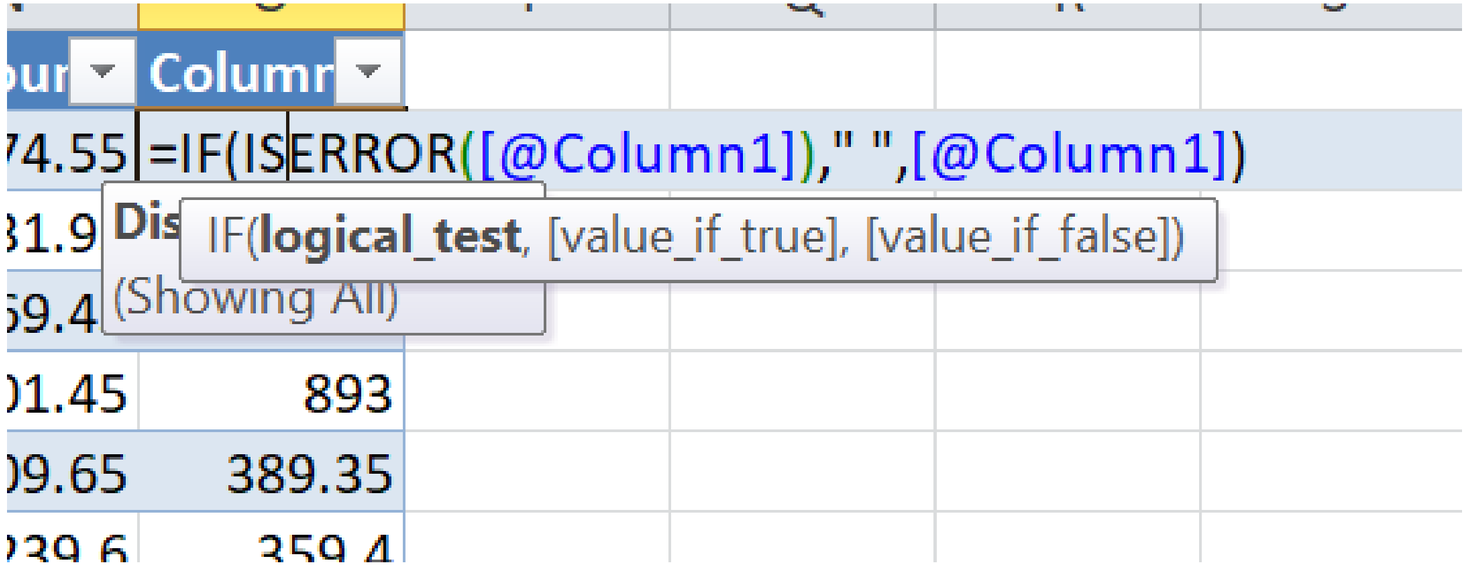
Convert all “0” Values to Blank Values

Q 3. Identify rows where both "DiscountPrice" and "DiscountOffer" are null and fill the "DiscountPrice" with the average discount price of the respective category.

Column1	OriginalPric	SizeOpt	Ratings	Review	Discour
=IF(ISBLANK([@[Actual Price after discount]]),[@[OriginalPrice (in Rs)]]-[@[Discount_amount]],[@[Actual Price after discount]])					
IF(**logical_test**, [value_if_true], [value_if_false])			4	999	631.95
629	1399	38, 40, 42,	4.3	999	769.45
893	1295	S, M, L, XL,	4.2	999	401.45
389.35	599	XS, S, M, L,	4.2	999	209.65
359.4	599	XS, S, M, L,	4.4	999	239.6
599	1499	30, 32, 34,	3.9	998	899.4
585.9	1395	S, M, L, XL	3.7	998	809.1

Now Finding the “Actual Price”





Remove all Error’s

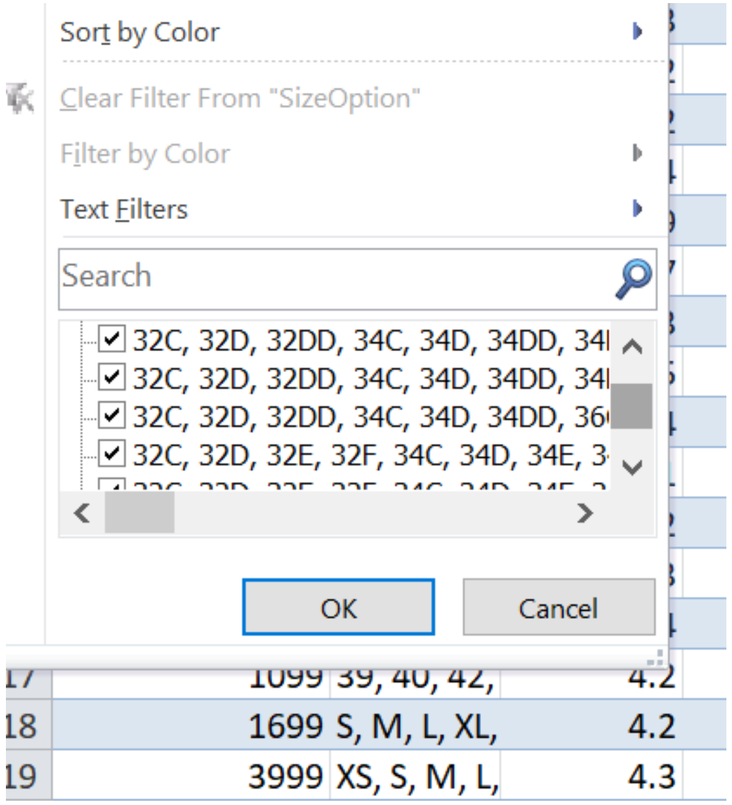
The “Discount price” with the average discount price of the respective category

	Column1
824	=IF([@[Discount_amount]]=" ",AVERAGEIFS([Discount_amount],[Category],[@Category]),[@[Discount_amount]])
517	631.95
629	769.45
893	401.45
9.35	209.65

45%	=IF(Table1[@[Discount Amount]]=" ",Table1[@[OriginalPrice (in Rs)]]-Table1[@[DiscountPrice (in Rs)3]],
55%	Table1[@[Discount Amount]])
55%	769.45
31%	401.45
35%	209.65
40%	239.6
60%	899.4
58%	809.1
88%	127.8412
38%	1699.797
55%	1484.45
32%	-226.725

Now Finding the “Discount Amount”

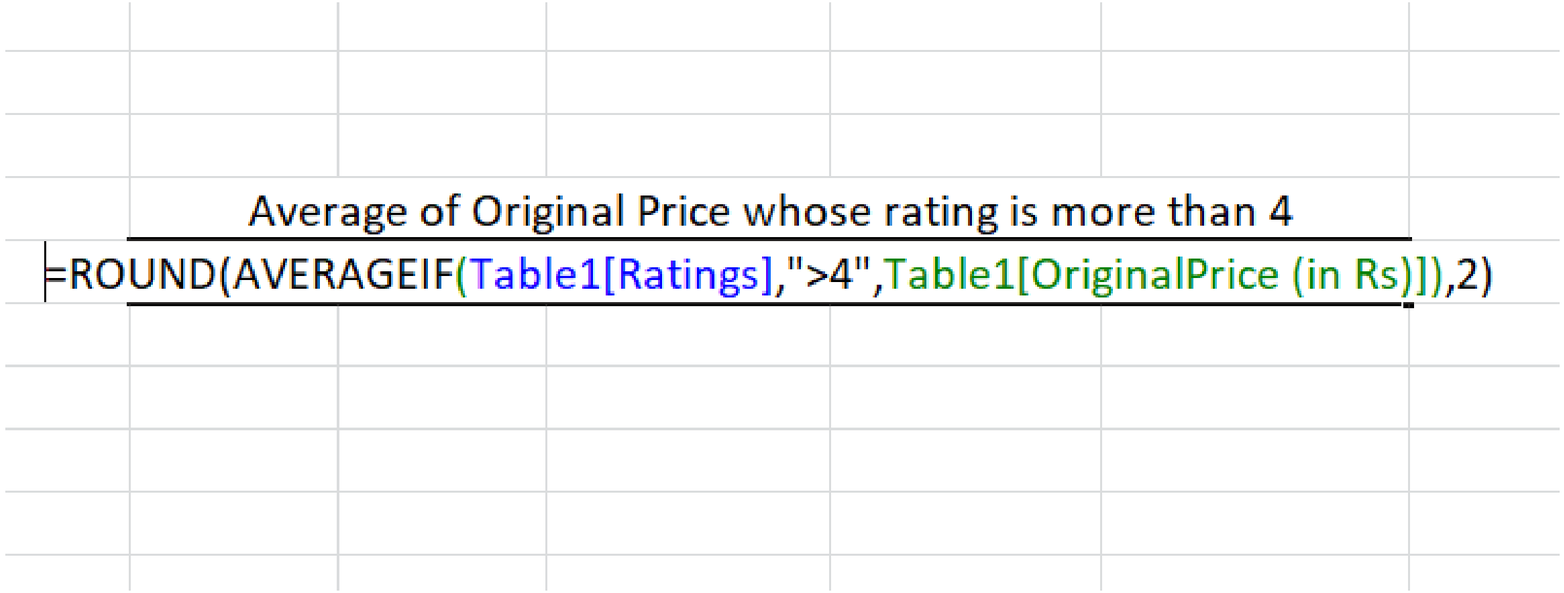
Q 4. Replace all null values in the “SizeOption” column with the text “Not Available



“SizeOption” Column has no null values

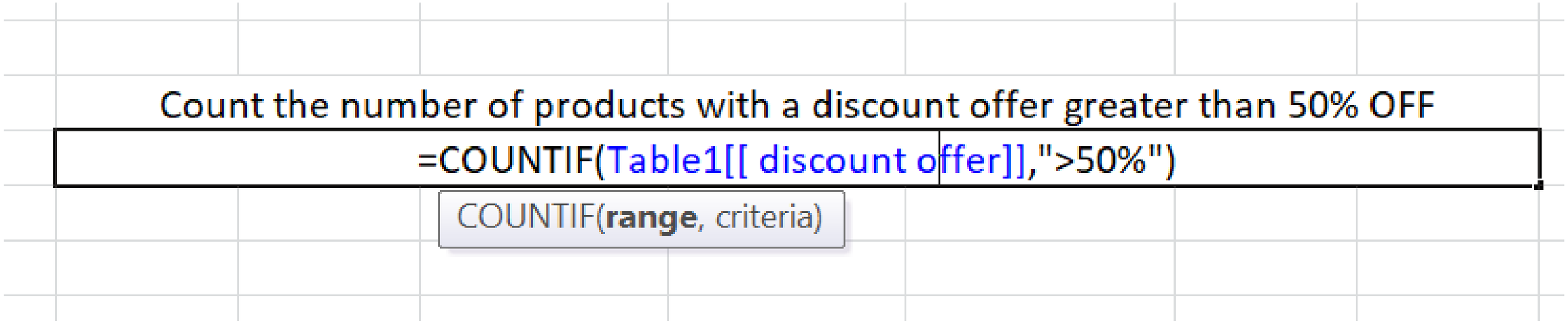
DATA ANALYSIS

Q 1.Calculate the overall average original price for products with ratings greater than 4.



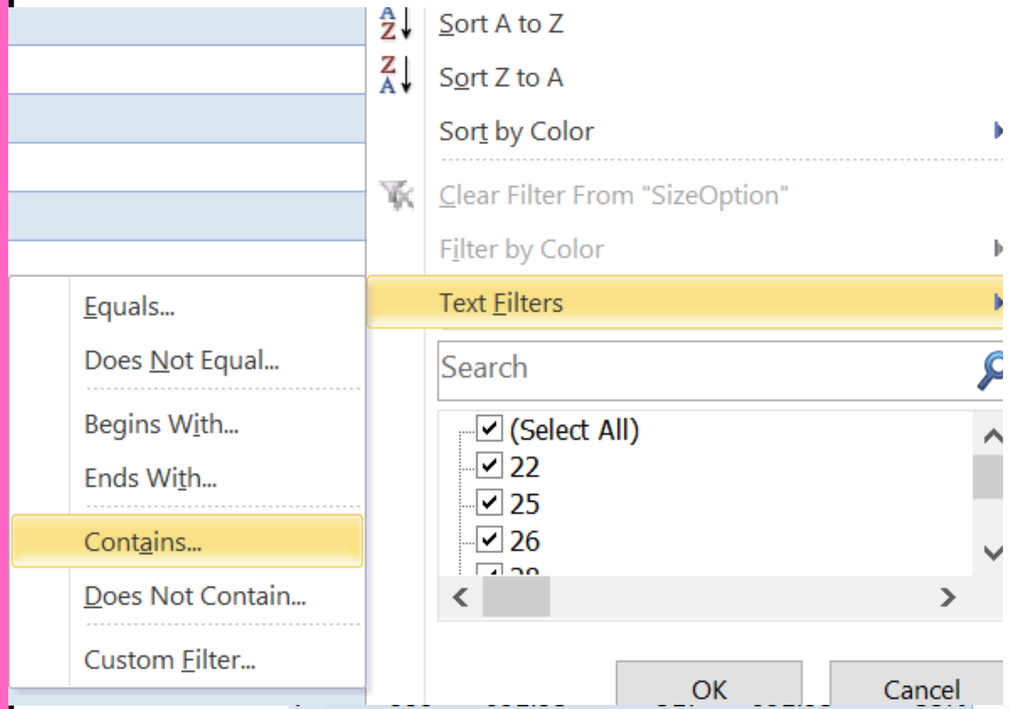
Calculate the Average original price for rating above 4 using the formulka

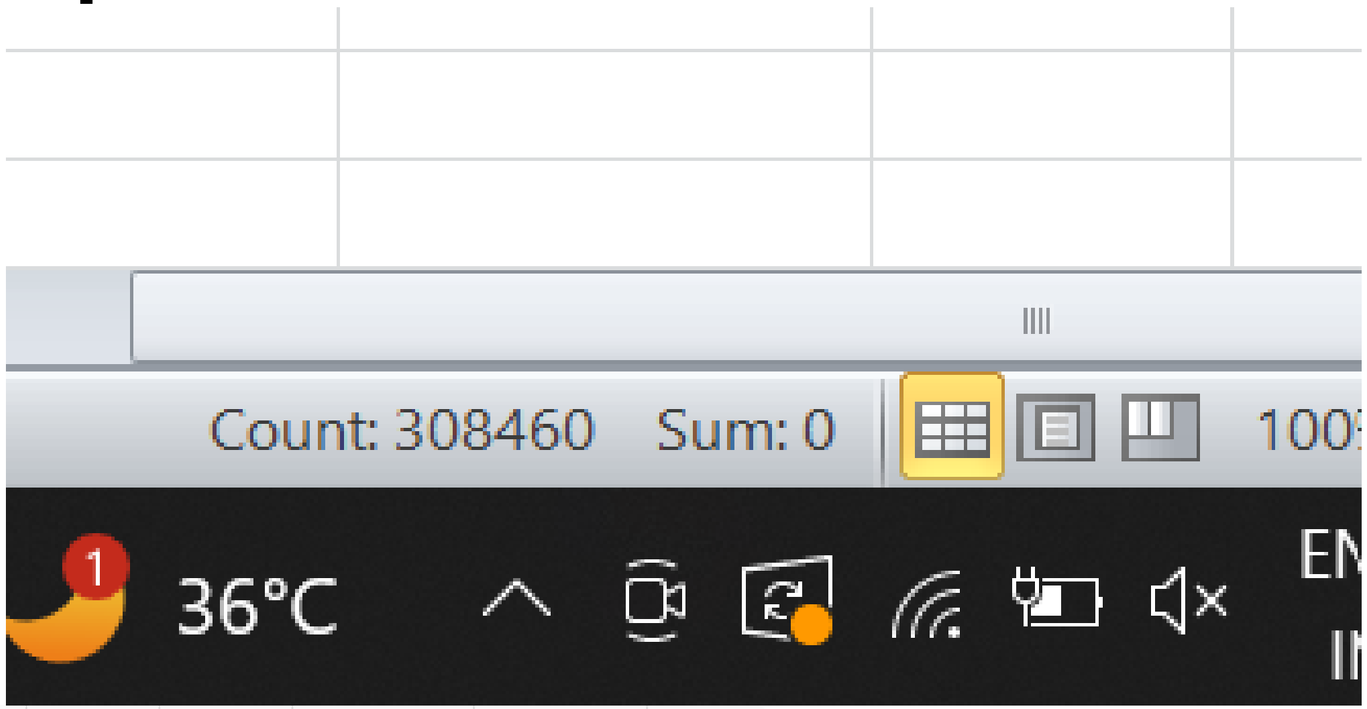
Q 2.Count the number of products with a discount offer greater than 50% OFF.

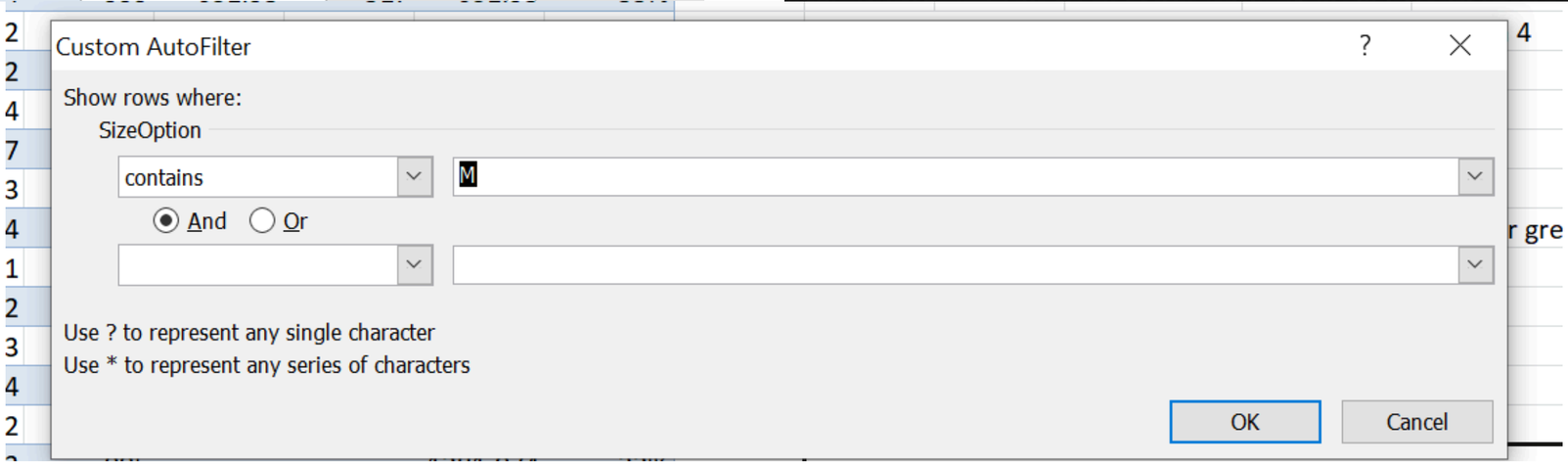


We Will Utilize the Countifs Function to identify products with discount offers exceding 50%

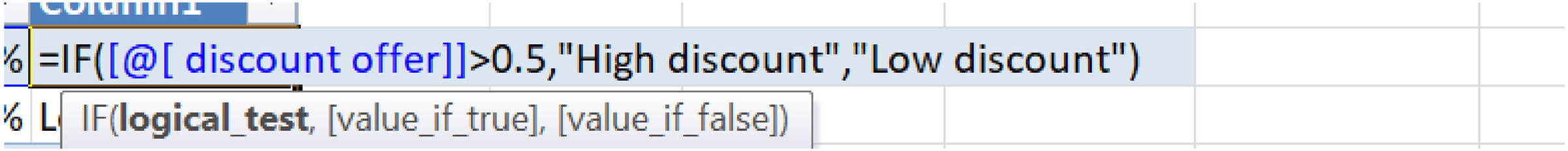
Q 3.Count the number of products available in size "M."





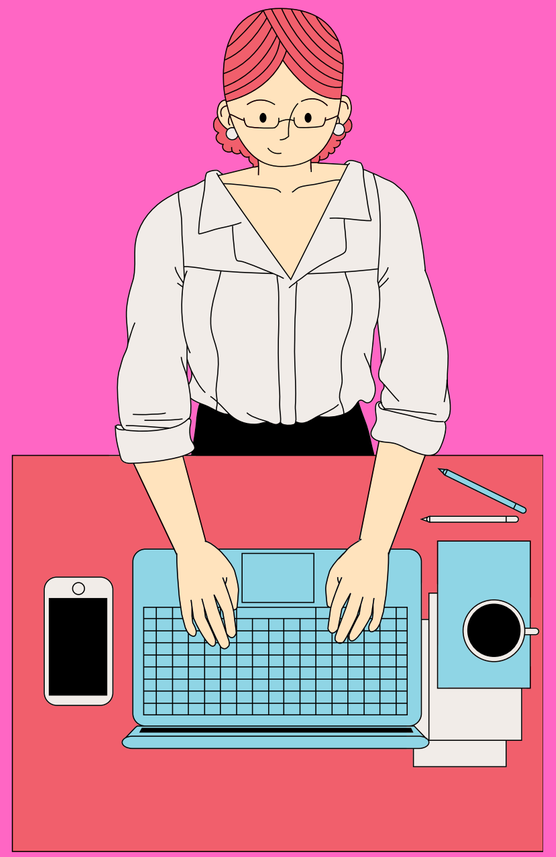


Q 4.Create a new column to label the products as "High Discount" if the discount offer is greater than 50% OFF, otherwise label them as "Low Disc



Create a column labeling offers as “High Discount” for over 50% and “Low Discount” for under 50% using the “if” function

DATA RETRIEVAL AND LOOKUP



Q 1.Use VLOOKUP/XLOOKUP to find the product brand, price, and rating of the product with Product_id "11226634

Value	11226634	
BrandName	Maniac	VLOOKUP(N12,A2:J526565,2,FALSE
Price	1199	VLOOKUP(N12,A2:J526565,7,FALSE
Rating	3.9	VLOOKUP(N12,A2:J526565,9,FALSE

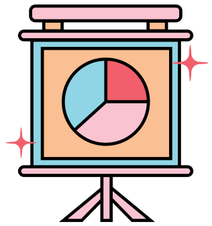
Find the "DiscountPrice" for the product with the Product ID "6744434" using the INDEX and MATCH functions.

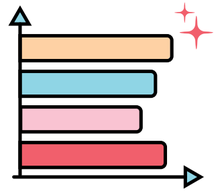
Index and Match for Product Id "6744434"

```
=INDEX(Table1[DiscountPrice (in Rs)3],MATCH(P7,Table1[Product_id],0))
```

INDEX(**array**, row_num, [column_num])
INDEX(**reference**, row_num, [column_num], [area_num])

	Index and Match for Product Id "6744434"
6744434	899.4





THANK YOU