Myntra

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About Myntra

Established by Mukesh Bansal along with Ashutosh Lawania and Vineet Saxena, Myntra sold on-demand personalized gift items. It mainly operated on the B2B (business-to-business) model during its initial years

Myntra is an Indian e-commerce company that sells fashion and lifestyle products online. It was founded in 2007–2008 to sell personalized gifts, but has since expanded to offer a wide range of products, including clothing, footwear, accessories, jewelry, and personal care products. Myntra works with over 6,000 brands, including H&M, Levis, Tommy Hilfiger, Nike, and Puma. The company is headquartered in Bengaluru, Karnataka, and services over 19,000 pin codes across India.

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Problem Statement

01 You are working at Myntra, a leading online fashion retailer.

02 The management has asked you to analyze a dataset of various apparel items to gain insights into pricing, discounts, ratings, and available sizes.

03 The Data Analysis was done based on only 5000 rows and only relevant columns to avoid any system lag and create smooth calculations.

RAW DATASET

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	URL	Product_id	BrandNam	Category	Individual_	category_b	Description	DiscountPr	OriginalPri	DiscountO	SizeOption	Ratings	Reviews
2	https://ww	2296012	Roadster	Bottom We	jeans	Men	roadster m	824	1499	45% OFF	28, 30, 32,	3.9	999
3	https://ww	13780156	LOCOMOT	Bottom We	track-pant:	Men	locomotive	517	1149	55% OFF	S, M, L, XL	4	999
4	https://ww	11895958	Roadster	Topwear	shirts	Men	roadster m	629	1399	55% OFF	38, 40, 42,	4.3	999
5	https://ww	4335679	Zivame	Lingerie &	shapewear	Women	zivame wor	893	1295	31% OFF	S, M, L, XL,	4.2	999
6	https://ww	11690882	Roadster	Western	tshirts	Women	roadster women white	599		35% OFF	XS, S, M, L,	4.2	999
7	https://ww	2490950	Mast & Ha	Western	tops	Women	mast harbour women	599		40% OFF	XS, S, M, L,	4.4	999
8	https://ww	6744434	HIGHLAND	Bottom We	trousers	Men	highlander	599	1499	60% OFF	30, 32, 34,	3.9	998
9	https://ww	8439415	Mayra	Western	tops	Women	mayra pink embroidere	1395	58% OFF		S, M, L, XL	3.7	998
10	https://ww	17381394	Roadster	Western	tshirts	Women	roadster women pack	1098			XS, S, M, L,	4.3	997
11	https://ww	2359257	HERE&NO'	Bottom We	jeans	Men	herenow men blue slir	2749			28, 30, 32,	3.5	996
12	https://ww	7695793	HRX by Hri	Sports Wea	tights	Men	hrx by hrith	1214	2699	55% OFF	S, M, L, XL,	4.4	996
13	https://ww	10307375	Roadster	Topwear	tshirts	Men	roadster men navy blu	699			XS, S, M, L,	4.1	996
14	https://ww	12873874	Anubhutee	Indian Wea	kurta-sets	Women	anubhutee	1019	3399	70% OFF	S, M, L, XL,	4.2	996
15	https://ww	11634538	Athena	Western	jumpsuit	Women	athena women black s	2499	50% OFF		XS, S, M, L,	4.3	996
16	https://ww	2312181	Roadster	Western	tshirts	Women	roadster women maro	799		60% OFF	XS, S, M, L,	4	996
17	https://ww	13842386	HIGHLAND	Topwear	shirts	Men	highlander	516	1099	53% OFF	39, 40, 42,	4.2	995
18	https://ww	10473520	Vishudh	Indian Wea	kurtas	Women	vishudh wo	696	1699	59% OFF	S, M, L, XL,	4.2	995
19	https://ww	10561392	Sangria	Plus Size	kurta-sets	Women	sangria women green	3999			XS, S, M, L,	4.3	995
20	https://ww	12391750	Tokyo Talk	Western	trousers	Women	tokyo talkies women c	2149	61% OFF		28, 30, 32,	4.1	995
21	https://ww	2522986	DressBerry	Western	tshirts	Women	dressberry women love	999	75% OFF		XS, S, M, L,	4.3	995
22	https://ww	17385142	Roadster	Western	tshirts	Women	roadster women pack	1298			XS, S, M, L,	4.4	994
23	https://ww	12153330	Anouk	Indian Wea	kurtas	Women	anouk won	719	1599	55% OFF	XS, S, M, L,	3.8	993
24	https://ww	1864573	Enamor	Lingerie &	bra	Women	enamor black non wire	849			S, M, L, XL	4.2	993
25	https://ww	13205276	all about y	Western	shirts	Women	all about you women r	1499	50% OFF		XS, S, M, L,	4.2	993
26	https://ww	11535928	KASSUALL'	Western	tops	Women	kassually blue floral c	1299	62% OFF		XS, S, M, L,	4.3	992
27	https://ww	6552977	RARE	Western	tops	Women	rare women maroon st	1299	57% OFF		S, M, L, XL	4.2	991
28	https://ww	9476129	Zastraa	Western	trousers	Women	zastraa women maroc	2699	70% OFF		26, 28, 30,	4.1	991
29	https://ww	2017530	WISSTLER	Western	shorts	Women	wisstler women navy	899	61% OFF		26, 28, 30,	4	991
30	https://ww	11173948	Sangria	Plus Size	kurtas	Women	sangria wo	359	899	60% OFF, F	XS, S, M, L,	4	990
31	https://ww	11118428	Roadster	Western	shorts	Women	roadster women blue s	1199	55% OFF		26, 28, 30,	4.3	990
32	https://ww	17383362	Roadster	Western	tshirts	Women	roadster women green	1598	50% OFF		L, M, S, XS,	4.2	990
33	https://ww	9971493	Vishudh	Western	dresses	Women	vishudh women navy k	2349	65% OFF		S, M, L, XL,	4.4	990
34	https://ww	7846797	Cottinfab	Western	jumpsuit	Women	cottinfab olive green s	2449	65% OFF		S, M, L, XL,	4.3	990
35	https://ww	10771696	QUIERO	Western	jumpsuit	Women	quiero women maroor	2959	55% OFF		XS, S, M, L,	4.3	990
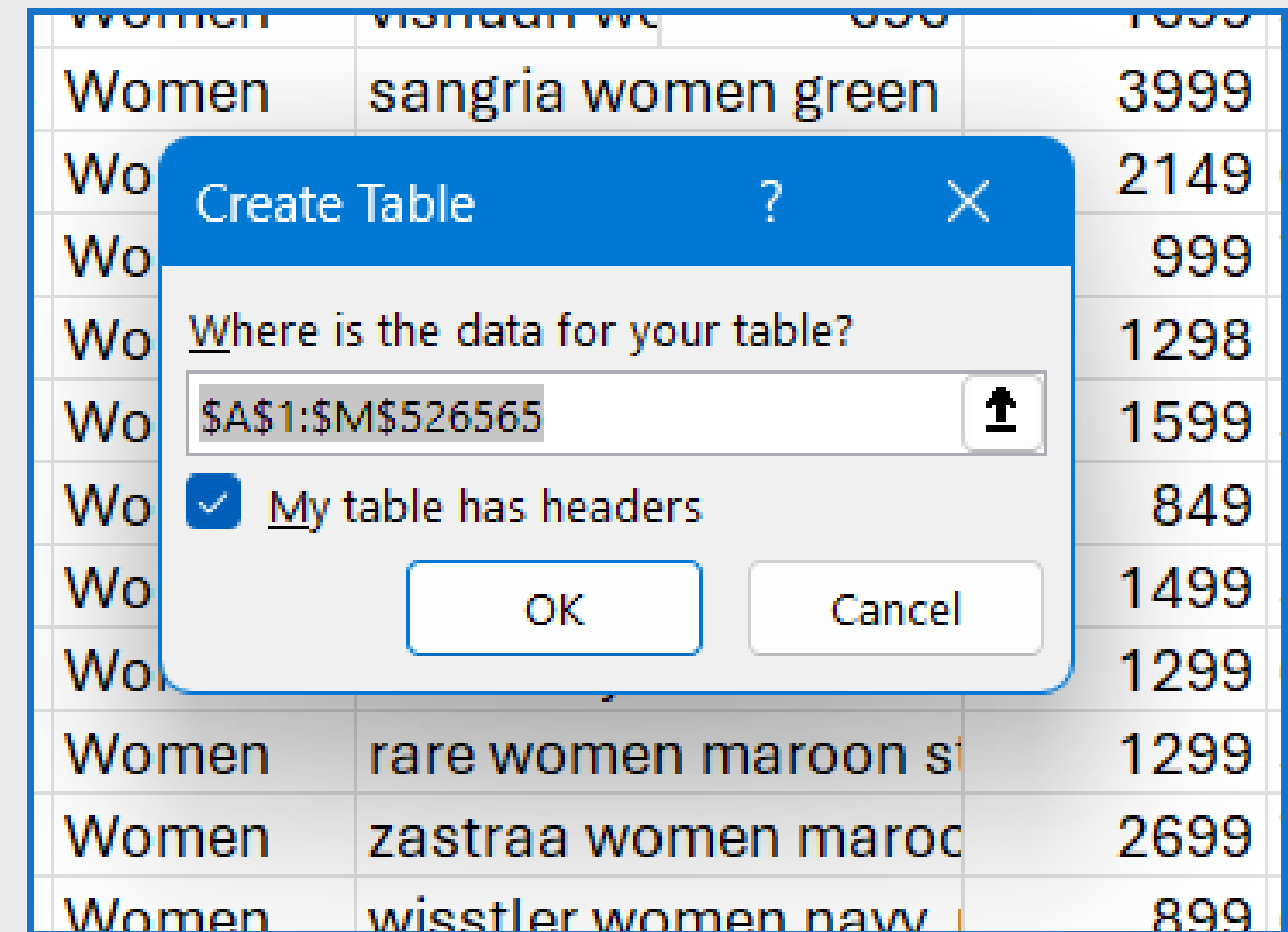
NOW THE HAS BEEN CONVERTED INTO A TABLE

	A	B	C	D	E	F	G	H	I
1	URL	Product_id	BrandName	Category	Individual_category	category_by_Gender	Description	DiscountPrice (in Rs)	OriginalPrice (in Rs)
2	https://ww	2296012	Roadster	Bottom Wea	jeans	Men	roadster men n	824	1499
3	https://ww	13780156	LOCOMOTIVE	Bottom Wea	track-pants	Men	locomotive mer	517	1149
4	https://ww	11895958	Roadster	Topwear	shirts	Men	roadster men n	629	1399
5	https://ww	4335679	Zivame	Lingerie & Sl	shapewear	Women	zivame women	893	1295
6	https://ww	11690882	Roadster	Western	tshirts	Women	roadster women white solid v neck pure		599
7	https://ww	2490950	Mast & Harbou	Western	tops	Women	mast harbour women yellow solid tank t		599
8	https://ww	6744434	HIGHLANDER	Bottom Wea	trousers	Men	highlander mer	599	1499
9	https://ww	8439415	Mayra	Western	tops	Women	mayra pink embroidered a line pure cotto		1395
10	https://ww	17381394	Roadster	Western	tshirts	Women	roadster women pack of 2 solid t shirts		1098
11	https://ww	2359257	HERE&NOW	Bottom Wea	jeans	Men	herenow men blue slim fit mid rise clean		2749
12	https://ww	7695793	HRX by Hrithik	Sports Wear	tights	Men	hrx by hrithik ro	1214	2699
13	https://ww	10307375	Roadster	Topwear	tshirts	Men	roadster men navy blue white striped po		699
14	https://ww	12873874	Anubhutee	Indian Wear	kurta-sets	Women	anubhutee wor	1019	3399
15	https://ww	11634538	Athena	Western	jumpsuit	Women	athena women black solid basic jumpsu		2499
16	https://ww	2312181	Roadster	Western	tshirts	Women	roadster women maroon solid round nec		799
17	https://ww	13842386	HIGHLANDER	Topwear	shirts	Men	highlander mer	516	1099
18	https://ww	10473520	Vishudh	Indian Wear	kurtas	Women	vishudh womer	696	1699
19	https://ww	10561392	Sangria	Plus Size	kurta-sets	Women	sangria women green off white printed k		3999
20	https://ww	12391750	Tokyo Talkies	Western	trousers	Women	tokyo talkies women olive green regular f		2149
21	https://ww	2522986	DressBerry	Western	tshirts	Women	dressberry women lovely olive typograph		999
22	https://ww	17385142	Roadster	Western	tshirts	Women	roadster women pack of 2 printed cottor		1298
23	https://ww	12153330	Anouk	Indian Wear	kurtas	Women	anouk women r	719	1599
24	https://ww	1864573	Enamor	Lingerie & Sl	bra	Women	enamor black non wired removable pads		849
25	https://ww	13205276	all about you	Western	shirts	Women	all about you women mauve stretchable		1499
26	https://ww	11535928	KASSUALLY	Western	tops	Women	kassually blue floral cinched waist top w		1299
27	https://ww	6552977	RARE	Western	tops	Women	rare women maroon striped top		1299
28	https://ww	9476129	Zastraa	Western	trousers	Women	zastraa women maroon slim fit peg trous		2699
29	https://ww	2017530	WISSTLER	Western	shorts	Women	wisstler women navy pink chevron print		899
30	https://ww	11173948	Sangria	Plus Size	kurtas	Women	sangria women	359	899
31	https://ww	11118428	Roadster	Western	shorts	Women	roadster women blue solid regular fit der		1199
32	https://ww	17383362	Roadster	Western	tshirts	Women	roadster women green teal green pack o		1598
33	https://ww	9971493	Vishudh	Western	dresses	Women	vishudh women navy blue green maxi dr		2349
34	https://ww	7846797	Cottinfab	Western	jumpsuit	Women	cottinfab olive green solid cold shoulder		2449
35	https://ww	10771696	QUIERO	Western	jumpsuit	Women	quiero women maroon wrap detail jumps		2959

01.Check Duplicate Values in your Dataset And Remove Them.

To remove duplicates we go to
1. Data Menu > Remove Duplicates
 2. Unselect All and then choose Product_id to remove duplicates based on Product_id.
3. We found no duplicates.
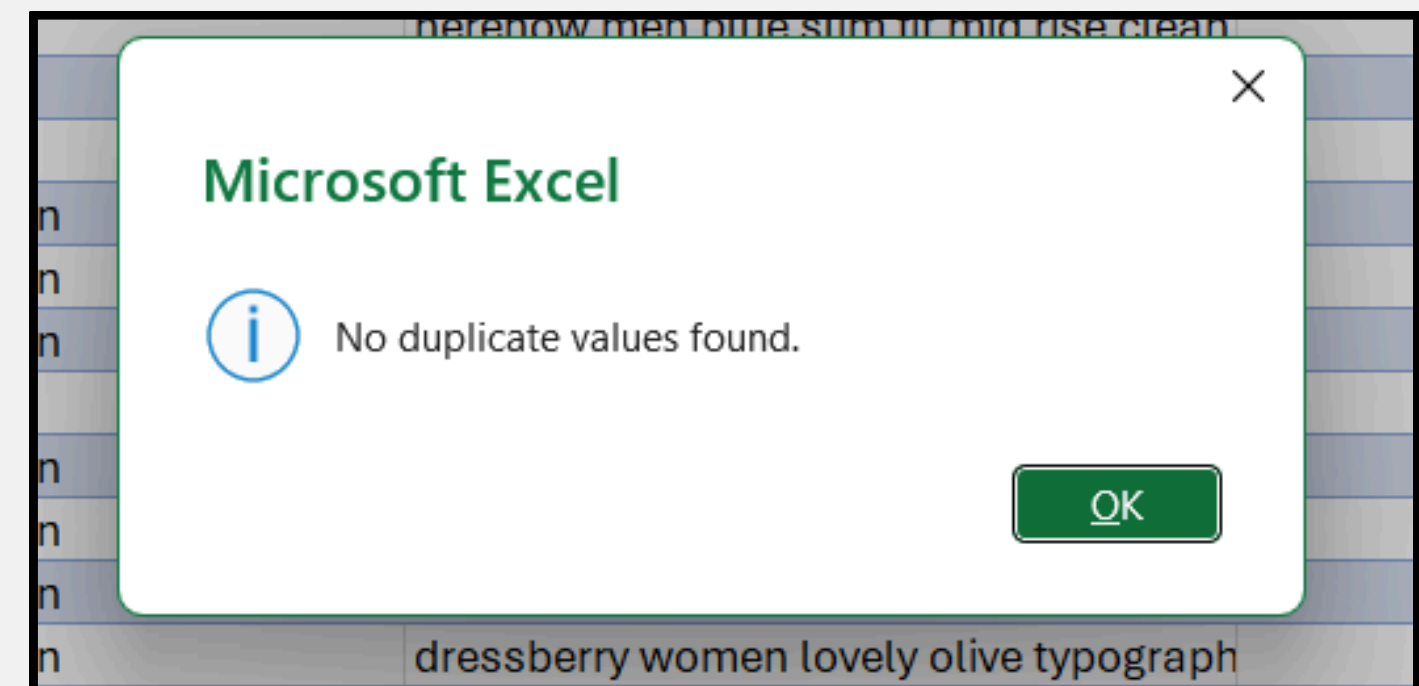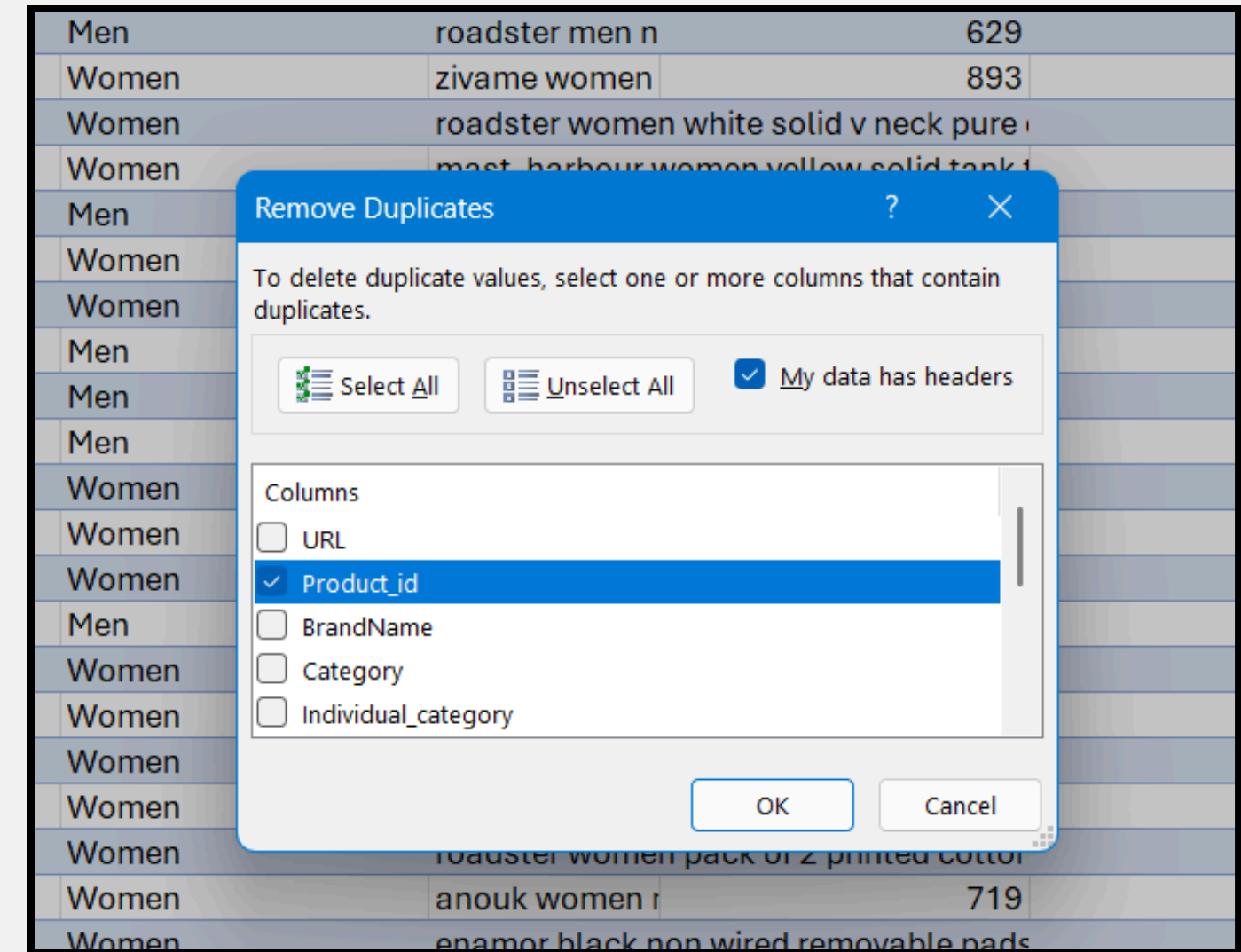
2) STANDARDIZE THE "DISCOUNTOFFER" COLUMN TO A SINGLE FORMAT, ENSURING ALL VALUES ARE UNIFORM.

45% OFF	=TRIM(SUBSTITUTE([@DiscountOffer],"OFF, Hurry*",""))				
55% OFF	55% OFF	S, M, L, XL	S, M, L, XL	4	1(
55% OFF	55% OFF	38, 40, 42, 44	38, 40, 42, 4	4.3	1(
31% OFF	31% OFF	S, M, L, XL, XX	S, M, L, XL, X	4.2	1

First, Remove Unsual Text from column with Substitute function

Then, Standardize % value to actual value , with functions

Column4	Column5	SizeOpti	Column	Ratings	Column	Review
45%	=IFERROR(IF(ISNUMBER(SEARCH("Rs.",[@Column4])),[@Column4],[@Column4]*[@[OriginalPrice (in Rs)]]),0)					
55%	631.95	S, M, L, XL	S, M, L, XL	4	1628.921	999
55%	769.45	38, 40, 42, 4	38, 40, 42,	4.3	1628.921	999
31%	401.45	S, M, L, XL, >	S, M, L, XL,	4.2	1628.921	999
35%	209.65	XS, S, M, L, >	XS, S, M, L	4.2	1628.921	999
40%	239.6	XS, S, M, L, >	XS, S, M, L	4.4	1628.921	999

OriginalPrice (in Rs)	DiscountOffer	Column4	Column5	Column6	SizeOpti	Column	Ratings
1499	45% OFF	45%	674.55	=[@Column5]/[@[OriginalPrice (in Rs)]]			
1149	55% OFF	55%	631.95	55%	S, M, L, XL	S, M, L, XL	4
1399	55% OFF	55%	769.45	55%	38, 40, 42, 4	38, 40, 42,	4.3

After that, Discount_column / original_price_column

Before Standardize
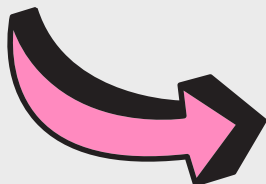
DiscountOffer
45% OFF
55% OFF
55% OFF
31% OFF
35% OFF

After Standardize
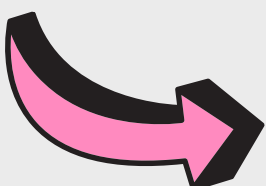
Discount_price
45%
55%
55%
31%
35%

:- TO CHECK IF VALUES ARE NULL AND REPLACE THEM WITH THE AVERAGE

We use Averageifs formula If we find any null values we replace them with the Average values based on the category of the product from a particular Brand.

average_values	discount_column_with null to average _values	Discount_offer
=ROUND(AVERAGEIFS([DiscountPrice (in Rs)],[Category],[@Category],[DiscountPrice (in Rs)],"<>"),2)		
920.93	517	55%
709.5	629	55%
602.52	893	31%
470	470	35%
470	470	40%
920.93	599	60%
470	470	58%
470	470	0%
920.93	920.93	0%
793.18	1214	55%
709.5	709.5	0%
1059.22	1019	70%

:- TO FILL THE "DISCOUNT PRICE" WITH THE AVERAGE DISCOUNT PRICE OF THE RESPECTIVE CATEGORY.

DiscountPrice (in Rs)	average_values	discount_column_with null to average _values	OriginalPrice (in Rs)	discount
824	920.93	=IF(ISBLANK([@[DiscountPrice (in Rs)]]),[@[average_values]],[@[DiscountPrice (in Rs)]])		

1) Next step is to fill up all the null values with the 'Average discount price' of their respective category.....

2) Finally We use if function and ISBLANK Function
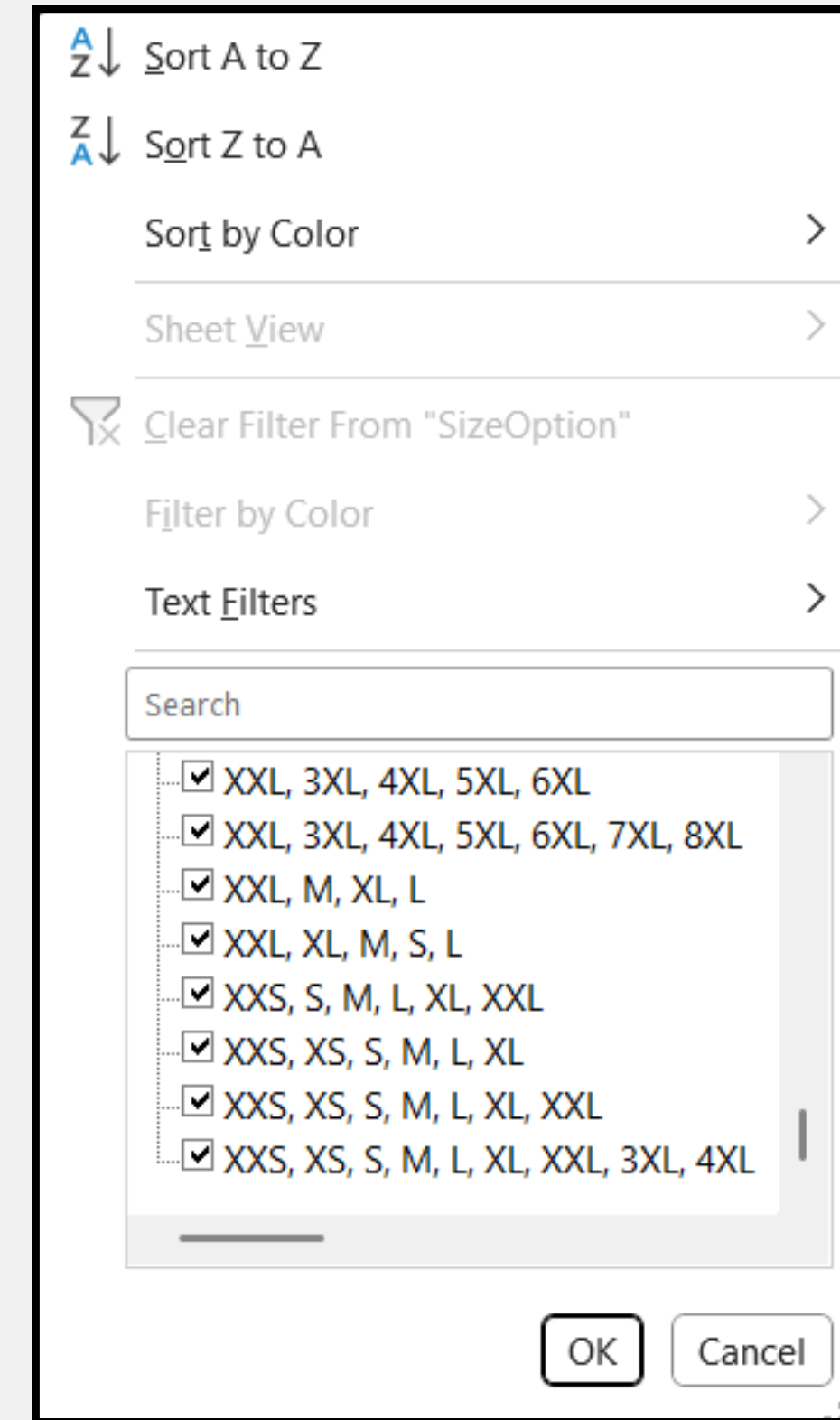if is blank then fill Average_value else fill same value ...

Use all these functions Finally we create a extra column **discount_with_null_to_average** which have Category wise average value

DiscountPrice (in Rs)	average_values	discount_column_with null to average _values
824	920.93	824
517	920.93	517
629	709.5	629
893	602.52	893
	470	470
	470	470
599	920.93	599
	470	470
	470	470
	920.93	920.93
1214	793.18	1214
	709.5	709.5
1019	1059.22	1019
	470	470
	470	470
516	709.5	516
696	1059.22	696
	709.77	709.77
	470	470
	470	470
	470	470
719	1059.22	719
508	602.52	602.52

4) REPLACE ALL NULL VALUES IN THE "SIZE OPTION" COLUMN WITH THE TEXT "NOT AVAILABLE. "

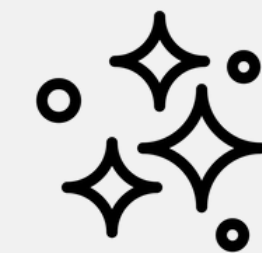**TO CHECK ALL THE NULL VALUES IN "SIZE OPTION" COLUMN WE:-**

1) We shall go to Header of the "SIZE OPTION" column.

2) Click on the option for sort and filter.

3) We shall scroll down and search for any null values in the filter table for 'SIZE OPTION" column.

A↓ Z	Sort A to Z
Z↓ A	Sort Z to A
	Sort by Color ⟩
	Sheet View ⟩
⊽x	Clear Filter From "SizeOption"
	Filter by Color ⟩
	Text Filters ⟩

Search

- ☑ XXL, 3XL, 4XL, 5XL, 6XL
- ☑ XXL, 3XL, 4XL, 5XL, 6XL, 7XL, 8XL
- ☑ XXL, M, XL, L
- ☑ XXL, XL, M, S, L
- ☑ XXS, S, M, L, XL, XXL
- ☑ XXS, XS, S, M, L, XL
- ☑ XXS, XS, S, M, L, XL, XXL
- ☑ XXS, XS, S, M, L, XL, XXL, 3XL, 4XL

OK   Cancel

The filter shows that "SIZE OPTION" has "NO NULL VALUE"

Cleaned Dataset

URL	Product_id	BrandName	Category	Individual_category	category_by_Gender	DiscountPrice (in Rs)	average_values	discount_column_with_null to average_values	OriginalPrice (in Rs)	discount_offer_In_price	Discount in percentage	SizeOption	Ratings	Reviews
https://ww	2296012	Roadster	Bottom Wear	jeans	Men	824	920.93	824	1499	674.55	45%	28, 30, 32, 34,	3.9	999
https://ww	13780156	LOCOMOTIVE	Bottom Wear	track-pants	Men	517	920.93	517	1149	631.95	55%	S, M, L, XL	4	999
https://ww	11895958	Roadster	Topwear	shirts	Men	629	709.5	629	1399	769.45	55%	38, 40, 42, 44,	4.3	999
https://ww	4335679	Zivame	Lingerie & Sl	shapewear	Women	893	602.52	893	1295	401.45	31%	S, M, L, XL, XX	4.2	999
https://ww	11690882	Roadster	Western	tshirts	Women		470	470	599	209.65	35%	XS, S, M, L, XL	4.2	999
https://ww	2490950	Mast & Harbour	Western	tops	Women		470	470	599	239.6	40%	XS, S, M, L, XL	4.4	999
https://ww	6744434	HIGHLANDER	Bottom Wear	trousers	Men	599	920.93	599	1499	899.4	60%	30, 32, 34, 36	3.9	998
https://ww	8439415	Mayra	Western	tops	Women		470	470	1395	809.1	58%	S, M, L, XL	3.7	998
https://ww	17381394	Roadster	Western	tshirts	Women		470	470	1098		0%	XS, S, M, L, XL	4.3	997
https://ww	2359257	HERE&NOW	Bottom Wear	jeans	Men		920.93	920.93	2749		0%	28, 30, 32, 34,	3.5	996
https://ww	7695793	HRX by Hrithik F	Sports Wear	tights	Men	1214	793.18	1214	2699	1484.45	55%	S, M, L, XL, XX	4.4	996
https://ww	10307375	Roadster	Topwear	shirts	Men		709.5	709.5	699		0%	S, M, L, XL	4.1	996
https://ww	12873874	Anubhutee	Indian Wear	kurta-sets	Women	1019	1059.22	1019	3399	2379.3	70%	S, M, L, XL, xXS	4.2	996
https://ww	11634538	Athena	Western	jumpsuit	Women		470	470	2499	1249.5	50%	S, M, L, XL	4.3	996
https://ww	2312181	Roadster	Western	tshirts	Women		470	470	799	479.4	60%	S, M, L, XL	4	996
https://ww	13842386	HIGHLANDER	Topwear	shirts	Men	516	709.5	516	1099	582.47	53%	39, 40, 42, 44	4.2	995
https://ww	10473520	Vishudh	Indian Wear	kurtas	Women	696	1059.22	696	1699	1002.41	59%	S, M, L, XL, XX	4.2	995
https://ww	10561392	Sangria	Plus Size	kurta-sets	Women		709.77	709.77	3999		0%	XS, S, M, L, XL	4.3	995
https://ww	12391750	Tokyo Talkies	Western	trousers	Women		470	470	2149	1310.89	61%	28, 30, 32, 34	4.1	995
https://ww	2522986	DressBerry	Western	tshirts	Women		470	470	999	749.25	75%	S, M, L, XL	4.3	995
https://ww	17385142	Roadster	Western	tshirts	Women		470	470	1298		0%	S, M, L, XL	4.4	994
https://ww	12153330	Anouk	Indian Wear	kurtas	Women	719	1059.22	719	1599	879.45	55%	XS, S, M, L, XL	3.8	993
https://ww	1864573	Enamor	Lingerie & Sl	bra	Women		602.52	602.52	849		0%	S, M, L, XL	4.2	993
https://ww	13205276	all about you	Western	shirts	Women		470	470	1499	749.5	50%	S, M, L, XL	4.2	993
https://ww	11535928	KASSUALLY	Western	tops	Women		470	470	1299	805.38	62%	XS, S, M, L, XL	4.3	992
https://ww	6552977	RARE	Western	tops	Women		470	470	1299	740.43	57%	S, M, L, XL	4.2	991
https://ww	9476129	Zastraa	Western	trousers	Women		470	470	2699	1889.3	70%	26, 28, 30, 32,	4.1	991
https://ww	2017530	WISSTLER	Western	shorts	Women		470	470	899	548.39	61%	26, 28, 30, 32,	4	991
https://ww	11173948	Sangria	Plus Size	kurtas	Women	359	709.77	359	899	539.4	60%	XS, S, M, L, XL	4	990
https://ww	11118428	Roadster	Western	shorts	Women		470	470	1199	659.45	55%	S, M, L, XL	4.3	990
https://ww	17383362	Roadster	Western	tshirts	Women		470	470	1598		50%	L, M, S, XS, XL	4.2	990
https://ww	9971493	Vishudh	Western	dresses	Women		470	470	2349	1526.85	65%	S, M, L, XL, XX	4.4	990
https://ww	7846797	Cottinfab	Western	jumpsuit	Women		470	470	2449	1591.85	65%	S, M, L, XL, XX	4.3	990
https://ww	10771696	QUIERO	Western	jumpsuit	Women		470	470	2959	1627.45	55%	XS, S, M, L, XL	4.3	990
https://ww	10969948	Roadster	Western	tshirts	Women		470	470	899	539.4	60%	XS, S, M, L, XL	4.1	990
https://ww	11938872	ELEVANTO	Lingerie & Sl	bath-robe	Women	489	602.52	489	999	509.49	51%	Onesize	4.2	989
https://ww	14154054	Tokyo Talkies	Western	track-pants	Women		470	470	1199	587.51	49%	S, M, L, XL	4.3	989
https://ww	2477061	WROGN	Bottom Wear	jeans	Men	1539	920.93	1539	2799	1259.55	45%	28, 30, 32, 34,	4	988
https://ww	10187401	WROGN	Bottom Wear	jeans	Men	1429	920.93	1429	2599	1169.55	45%	28, 30, 32, 34,	4.1	988
https://ww	6791064	HRX by Hrithik F	Sports Wear	track-pants	Men	759	793.18	759	1899	1139.4	60%	S, M, L, XL, XX	4	988
https://ww	12918912	Roadster	Topwear	shirts	Men	599	709.5	599	1199	599.5	50%	38, 40, 42, 44,	4.3	988
https://ww	11245584	HRX by Hrithik F	Sports Wear	tights	Women	594	793.18	594	1699	1104.35	65%	XS, S, M, L, XL	4	988
https://ww	8643285	SASSAFRAS	Western	trousers	Women		470	470	1599	799.5	50%	26, 28, 30, 32,	3.6	988
https://ww	9451341	her by invictus	Western	tops	Women		470	470	1699	509.7	30%	S, M, L, XL, XX	4.2	988
https://ww	7526008	StyleStone	Western	jackets	Women		470	470	1999	1099.45	55%	S, M, L, XL	4.2	988
https://ww	11235516	Mayra	Western	tops	Women		470	470	995	577.1	58%	S, M, L, XL	4.1	988
https://ww	10064541	Roadster	Bottom Wear	jeans	Men	799	920.93	799	1999	1199.4	60%	28, 30, 32, 34,	3.8	987
https://ww	976816	HRX by Hrithik F	Inner Wear &	socks	Men	359	530.36	359	599	239.6	40%	Onesize	4.5	987
https://ww	11269190	Moda Rapido	Topwear	tshirts	Men	479	709.5	479	1199	719.4	60%	S, M, L, XL		

#2. DATA ANALYSIS

Project Questions

01
Check Calculate the overall average original price for products with ratings greater than 4.

02
Count the number of products with a discount offer greater than 50% OFF.

03
Count the number of products available in size "M. "

04
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 Discount. "

Q1. CALCULATE THE OVERALL AVERAGE ORIGINAL PRICE FOR PRODUCTS WITH RATINGS GREATER THAN 4.

=AVERAGEIF(Table1[Ratings],">4",Table1[OriginalPrice (in Rs)])

We use this formula to calculate the average original price

Then we filter ratings more than 4 in the rating column. And by applying the formula on those prices for which the ratings are greater than 4 we get the answer.

1658.437

Q2. COUNT THE NUMBER OF PRODUCTS WITH A DISCOUNT OFFER GREATER THAN 50% OFF.

=COUNTIF(Table1[Discount in percentage],"<50")

We use countif function to count products which discount offer greater than 50%
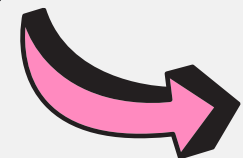
And Finally we got the answer

11999

=COUNTIF(Table1[SizeOption],"*M*")

We counted the number of Product available in "M" size with the help of COUNTIF() formula.

And Finally we got the answer

7914

Q4. 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 DISCOUNT. "

TO CREATE A COLUMN WHICH CATEGORIZES THE DISCOUNT OFFER AS "HIGH DISCOUNT" AND "LOW DISCOUNT" By Using If Function

=IF([@[Discount in percentage]]>50%, "High_Discount", "Low_Discount")

Discount_category
Low_Discount
High_Discount
High_Discount
Low_Discount
Low_Discount
Low_Discount
High_Discount

And now we have a new column which show that the products which are more than 50% off are labelled as "High Discount" and otherwise as "Low Discount".

#3. DATA RETRIEVAL AND LOOKUP

Project Questions

01

Use VLOOKUP/XLOOKUP to find the product brand, price, and rating of the product with Product_id "1226634"

02

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

03

Utilize nested xlookup to find any column's detail of a product with it's product id.

Q1. USE VLOOKUP/XLOOKUP TO FIND THE PRODUCT BRAND, PRICE, AND RATING OF THE PRODUCT WITH PRODUCT _ ID "11226634" .

Product_id	
11226634	=VLOOKUP(S20,Table3[#All],{2,9,13},1)

HERE WE USED THE VLOOKUP() FORMULA TO FIND BRAND NAME, PRICE AND RATING OF THE PRODUCT .

Product_id	BrandName	Ratings	OriginalPrice (in Rs)
11226634	Maniac	3.9	1199

```
=INDEX(Table3[DiscountPrice (in Rs)],
MATCH(S20,Table3[Product_id],0))
```

Here, we used Nested INDEX and MATCH formula to find out the discounted price of Product ID '6744434' .

DiscountPrice (in Rs)

467

Q3. UTILIZE NESTED XLOOKUP TO FIND ANY COLUMN'S DETAIL OF A PRODUCT WITH IT'S PRODUCT ID.

Product_id 363048
- 363048
- 363049
- 383104
- 383106
- 393686
- 393791
- 393801

First, we Create Drop Down list with Data Validation product_id column and All headers Columns

BrandName
- BrandName
- Category
- Individual_category
- category_by_Gender
- DiscountPrice (in Rs)
- average_values
- discount_column_with null to av

=XLOOKUP(S9,
Table3[Product_id],XLOOKUP(V9,
Table3[[#Headers],[BrandName]:
[Discount_category]],
Table3[[BrandName]:
[Discount_category]]))

Then , We use Nested Xlookup formula to find any column detail with particular product_id

Using all these conditions we find the output

Product_id	363048	Category
Column value		Lingerie & Sleep Wear

i welcome and appreciate your thoughts about this project and always open to every suggestion, let's connect here..

thank you

GITHUB

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