



India's largest online fashion store

Analysis of **MYNTRA** Apparel

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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.



Problem Statement

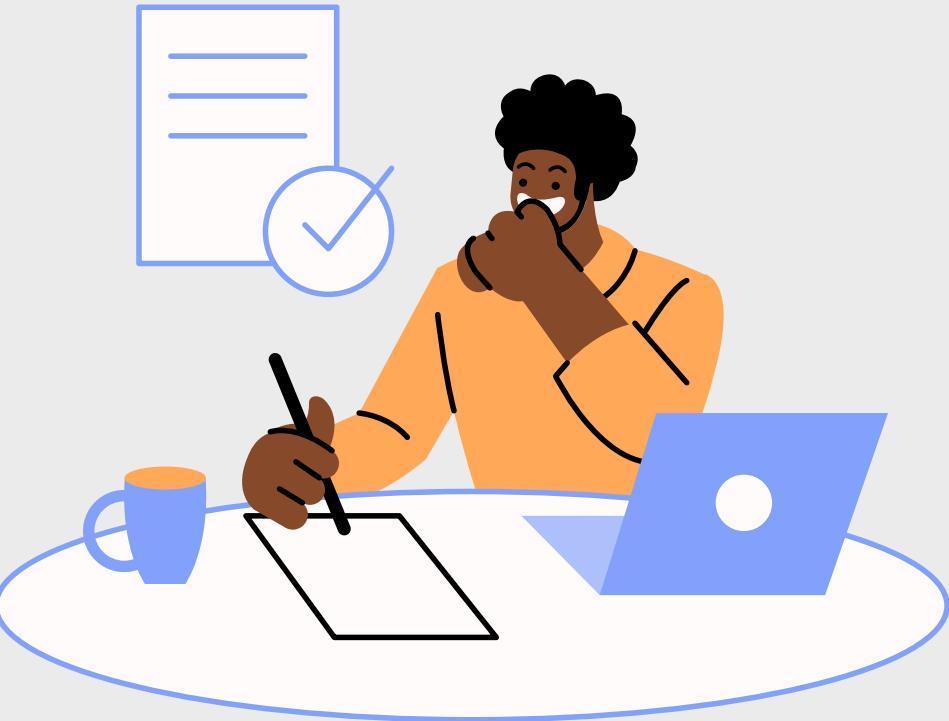
01 You are working at Myntra, a leading online fashion retailer.

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.



Data Cleaning And Preparation



Project Questions

01

Check for
duplicate values
in your dataset
and remove
them.

02

Standardize the
"DiscountOffer"
column to a single
format, ensuring all
values are uniform.

03

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

04

Replace all null
values in the
"SizeOption"
column with the text
"Not Available."

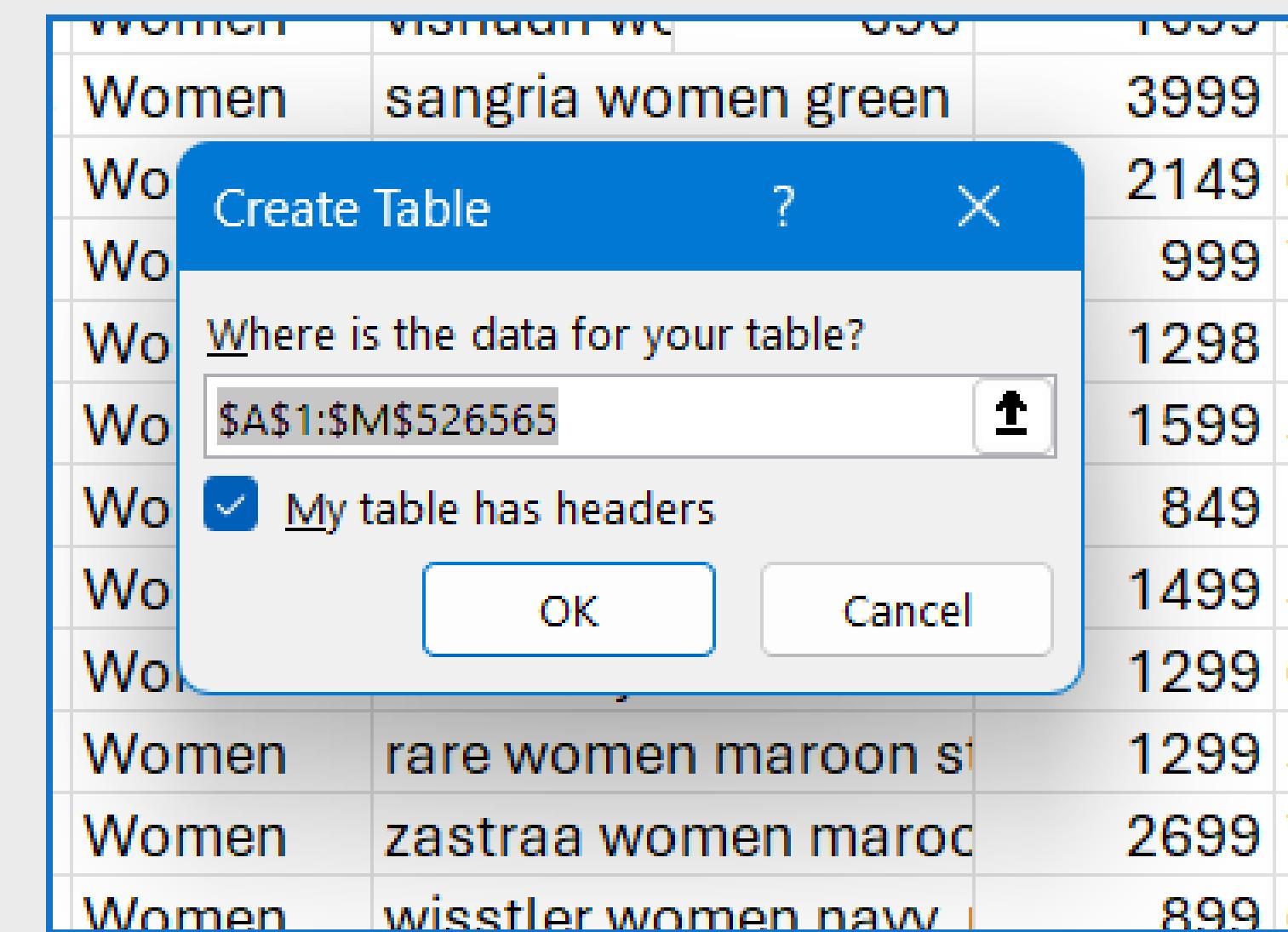
RAW DATASET

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

Important Step

1. Select a cell from Database

2. Press Ctrl+T to convert your raw dataset into a tabel



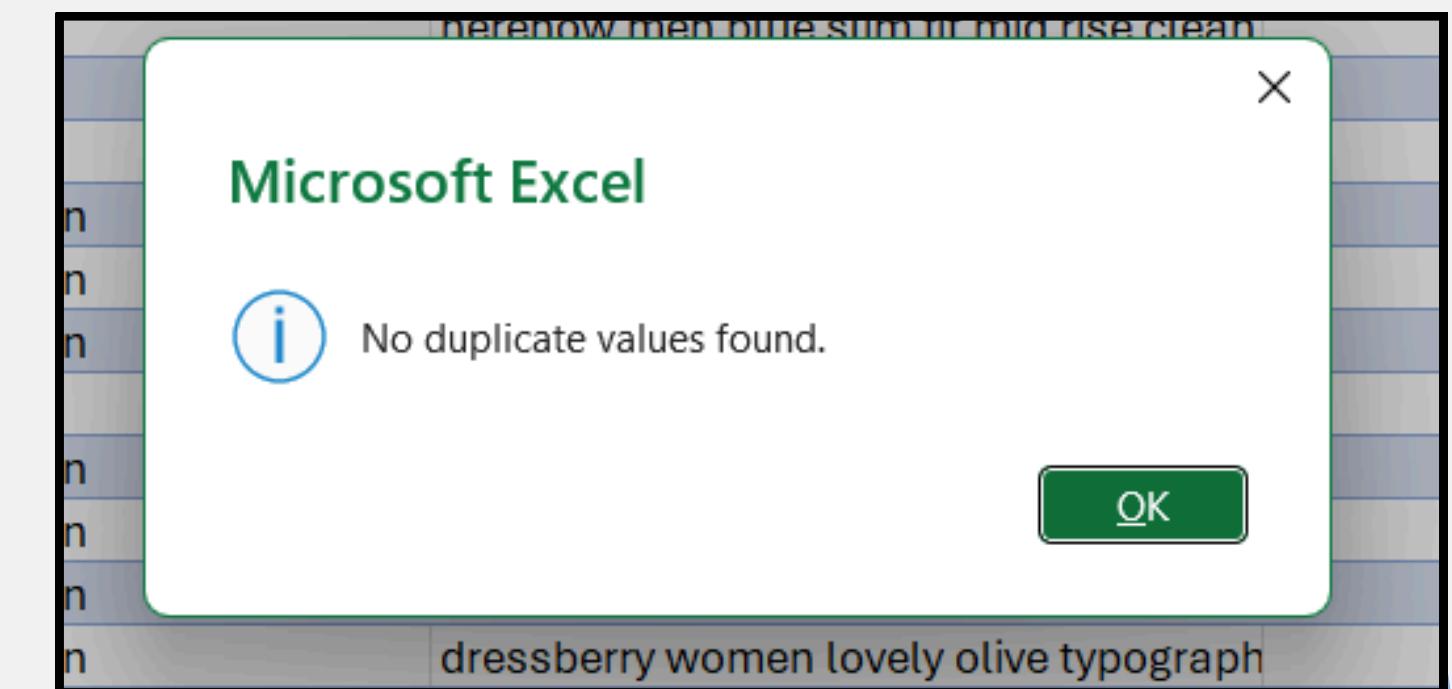
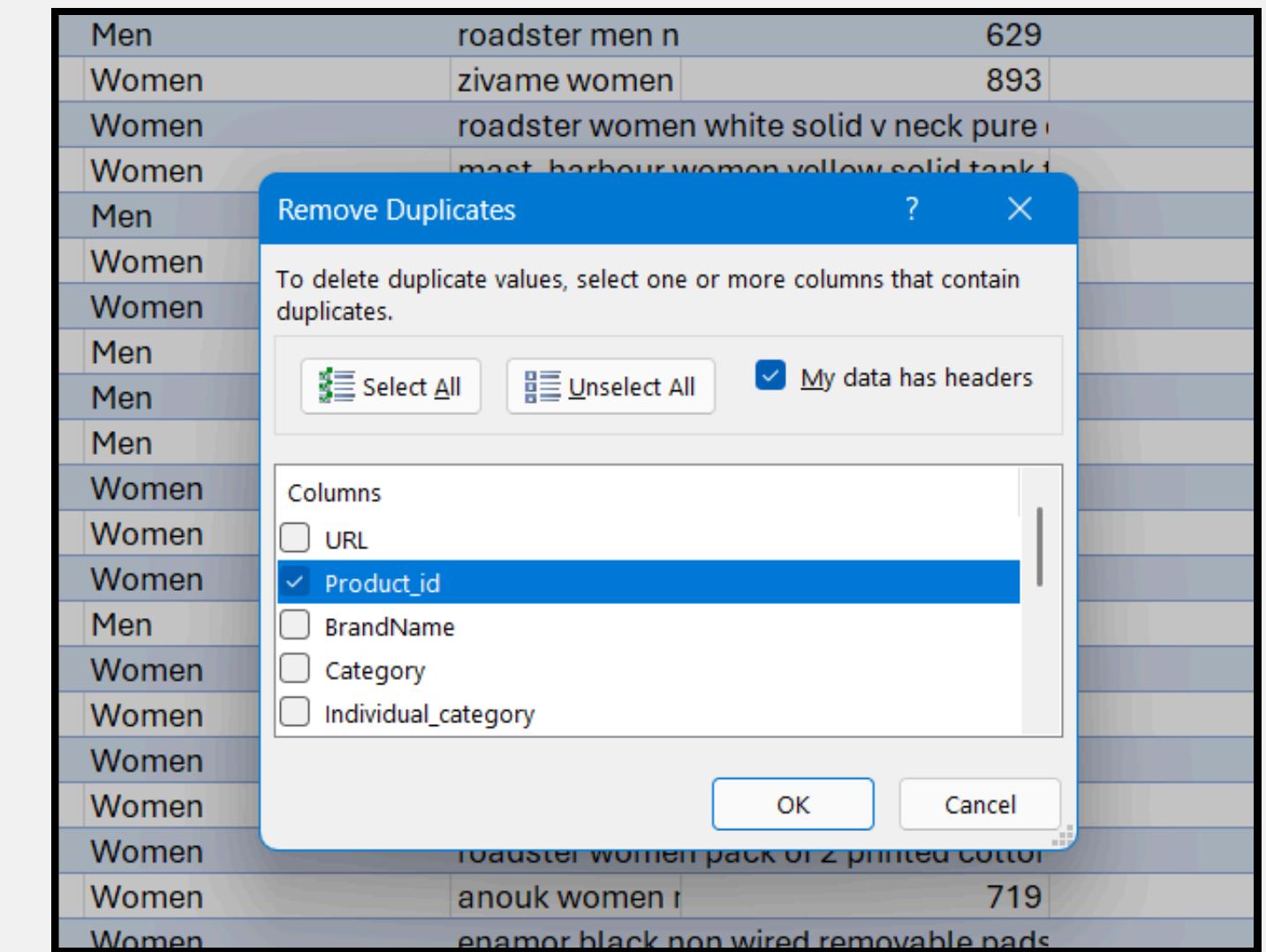
NOW THE HAS BEEN CONVERTED INTO A TABLE

	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 Wear	jeans	Men	roadster men n	824	1499
3	https://ww	13780156	LOCOMOTIVE	Bottom Wear	track-pants	Men	locomotive men	517	1149
4	https://ww	11895958	Roadster	Topwear	shirts	Men	roadster men n	629	1399
5	https://ww	4335679	Zivame	Lingerie & Shapewear	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 & Harbour	Western	tops	Women	mast harbour women yellow solid tank	599	
8	https://ww	6744434	HIGHLANDER	Bottom Wear	trousers	Men	highlander men	599	1499
9	https://ww	8439415	Mayra	Western	tops	Women	mayra pink embroidered a line pure cotton		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 Wear	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 men	516	1099
18	https://ww	10473520	Vishudh	Indian Wear	kurtas	Women	vishudh women	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		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 cotton		1298
23	https://ww	12153330	Anouk	Indian Wear	kurtas	Women	anouk women	719	1599
24	https://ww	1864573	Enamor	Lingerie & Sleep	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	16	
55% OFF	55% OFF	38, 40, 42, 44	38, 40, 42, 4	4.3	16	
31% OFF	31% OFF	S, M, L, XL	S, M, L, XL	4.2	16	

First, Remove Unusual Text from column with Substitute function

Then, Standardize % value to actual value , with functions

Column4	Column5	SizeOptions	Column6	Ratings	Column7	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	SizeOptions	Column7	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%

3) IDENTIFY ROWS WHERE BOTH "DISCOUNT PRICE" AND "DISCOUNTOFFER" ARE NULL AND FILL THE "DISCOUNT PRICE" WITH THE AVERAGE DISCOUNT PRICE OF THE RESPECTIVE CATEGORY.

**:- 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
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% 0%
793.18		1214 55%
709.5		709.5 0%
1059.22		1019 70%
470		470 50%

:- 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)]])		
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	
719	1059.22		719	
608	602.52		602.52	

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

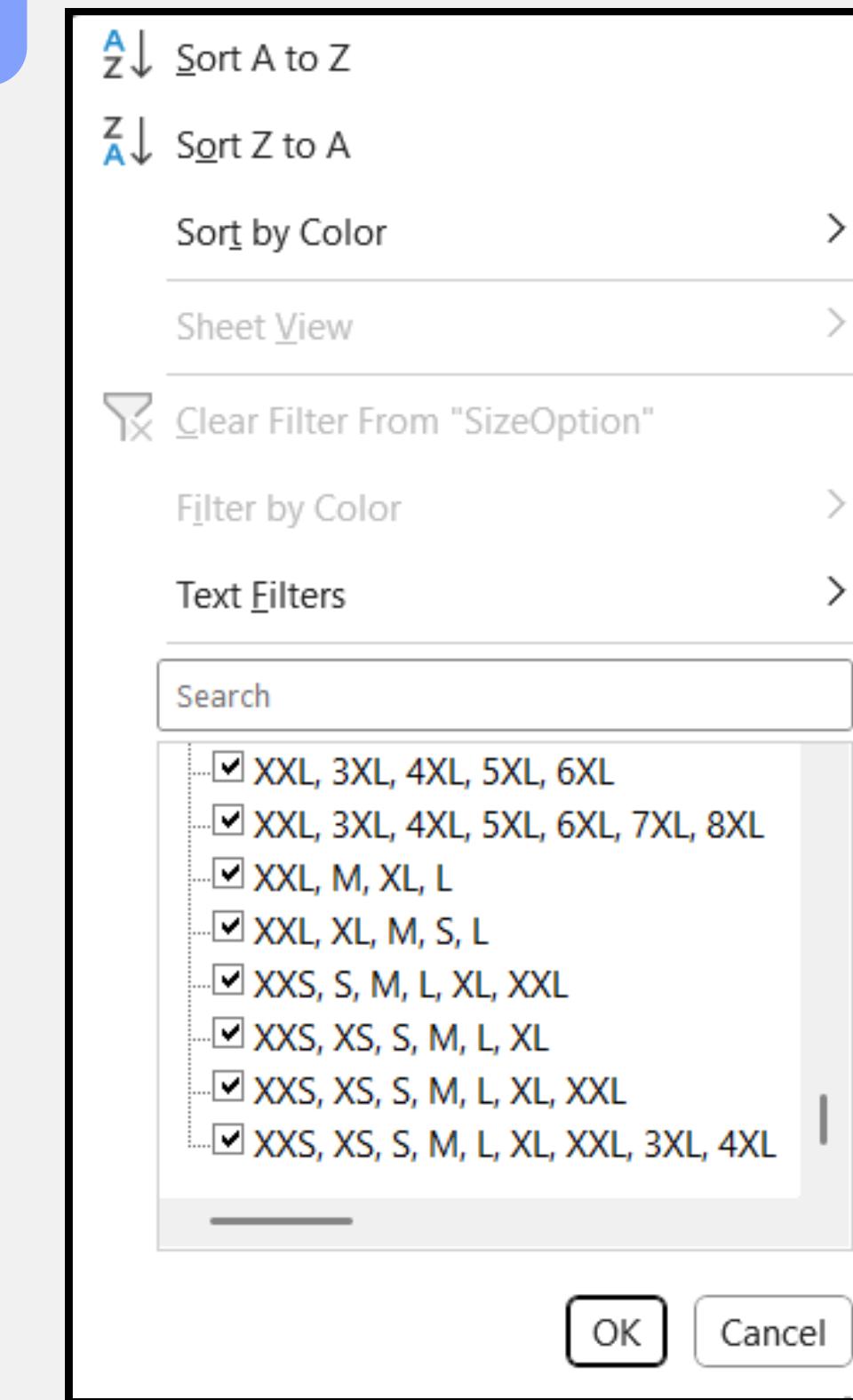
2) Finally We use if function and ISBLANK Function

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

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

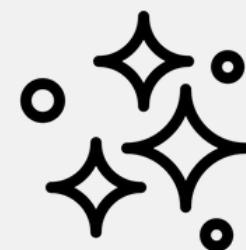
- TO CHECK ALL THE NULL VALUES IN “SIZE OPTION” COLUMN WE:-**
- 1) We shall go to Header of the “SIZE OPTION” column.**
 - 2) Click on the option for sort and filter.**
 - 3) We shall scroll down and search for any null values in the filter table for ‘SIZE OPTION’ column.**



The filter shows that “SIZE OPTION” has “NO NULL VALUE”



Cleaned Dataset



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
1	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
2	https://www.2296012	Roadster	Bottom Wear	jeans	Men		824	920.93		824	1499	674.55		45%	28, 30, 32, 34,
3	https://www.13780156	LOCOMOTIVE	Bottom Wear	track-pants	Men		517	920.93		517	1149	631.95		55%	S, M, L, XL
4	https://www.11895958	Roadster	Topwear	shirts	Men		629	709.5		629	1399	769.45		55%	38, 40, 42, 44,
5	https://www.4335679	Zivame	Lingerie & Sleep	shapewear	Women		893	602.52		893	1295	401.45		31%	S, M, L, XL, XX
6	https://www.11690882	Roadster	Western	tshirts	Women			470		470	599	209.65		35%	XS, S, M, L, XL
7	https://www.2490950	Mast & Harbour	Western	tops	Women			470		470	599	239.6		40%	XS, S, M, L, XL
8	https://www.6744434	HIGHLANDER	Bottom Wear	trousers	Men		599	920.93		599	1499	899.4		60%	30, 32, 34, 36
9	https://www.8439415	Mayra	Western	tops	Women			470		470	1395	809.1		58%	S, M, L, XL
10	https://www.17381394	Roadster	Western	tshirts	Women			470		470	1098			0%	XS, S, M, L, XL
11	https://www.2359257	HERE&NOW	Bottom Wear	jeans	Men			920.93			2749			0%	28, 30, 32, 34,
12	https://www.7695793	HRX by Hrithik Roshan	Sports Wear	tights	Men		1214	793.18		1214	2699	1484.45		55%	S, M, L, XL, XX
13	https://www.10307375	Roadster	Topwear	tshirts	Men			709.5		709.5	699			0%	XS, S, M, L, XL
14	https://www.12873874	Anubhutee	Indian Wear	kurta-sets	Women		1019	1059.22		1019	3399	2379.3		70%	S, M, L, XL, XX
15	https://www.11634538	Athena	Western	jumpsuit	Women			470		470	2499	1249.5		50%	XS, S, M, L, XL
16	https://www.2312181	Roadster	Western	tshirts	Women			470		470	799	479.4		60%	XS, S, M, L, XL
17	https://www.13842386	HIGHLANDER	Topwear	shirts	Men		516	709.5		516	1099	582.47		53%	39, 40, 42, 44
18	https://www.10473520	Vishudh	Indian Wear	kurtas	Women		696	1059.22		696	1699	1002.41		59%	S, M, L, XL, XX
19	https://www.10561392	Sangria	Plus Size	kurta-sets	Women			709.77		709.77	3999			0%	XS, S, M, L, XL
20	https://www.12391750	Tokyo Talkies	Western	trousers	Women			470		470	2149	1310.89		61%	28, 30, 32, 34
21	https://www.2522986	DressBerry	Western	tshirts	Women			470		470	999	749.25		75%	XS, S, M, L, XL
22	https://www.17385142	Roadster	Western	tshirts	Women			470		470	1298			0%	XS, S, M, L, XL
23	https://www.12153330	Anouk	Indian Wear	kurtas	Women		719	1059.22		719	1599	879.45		55%	XS, S, M, L, XL
24	https://www.1864573	Enamor	Lingerie & Sleep	bra	Women			602.52		602.52	849			0%	S, M, L, XL
25	https://www.13205276	all about you	Western	shirts	Women			470		470	1499	749.5		50%	XS, S, M, L, XL
26	https://www.11535928	KASSUALLY	Western	tops	Women			470		470	1299	805.38		62%	XS, S, M, L, XL
27	https://www.6552977	RARE	Western	tops	Women			470		470	1299	740.43		57%	S, M, L, XL
28	https://www.9476129	Zastraa	Western	trousers	Women			470		470	2699	1889.3		70%	26, 28, 30, 32,
29	https://www.2017530	WISSTLER	Western	shorts	Women			470		470	899	548.39		61%	26, 28, 30, 32,
30	https://www.11173948	Sangria	Plus Size	kurtas	Women		359	709.77		359	899	539.4		60%	XS, S, M, L, XL
31	https://www.11118428	Roadster	Western	shorts	Women			470		470	1199	659.45		55%	26, 28, 30, 32,
32	https://www.17383362	Roadster	Western	tshirts	Women			470		470	1598	799		50%	L, M, S, XS, XL
33	https://www.9971493	Vishudh	Western	dresses	Women			470		470	2349	1526.85		65%	S, M, L, XL, XX
34	https://www.7846797	Cottinfab	Western	jumpsuit	Women			470		470	2449	1591.85		65%	S, M, L, XL, XX
35	https://www.10771696	QUIERO	Western	jumpsuit	Women			470		470	2959	1627.45		55%	XS, S, M, L, XL
36	https://www.10969948	Roadster	Western	tshirts	Women			470		470	899	539.4		60%	XS, S, M, L, XL
37	https://www.11938872	ELEVANTO	Lingerie & Sleep	bath-robe	Women		489	602.52		489	999	509.49		51%	Onesize
38	https://www.14154054	Tokyo Talkies	Western	track-pants	Women			470		470	1199	587.51		49%	S, M, L, XL
39	https://www.2477061	WROGN	Bottom Wear	jeans	Men		1539	920.93		1539	2799	1259.55		45%	28, 30, 32, 34,
40	https://www.10187401	WROGN	Bottom Wear	jeans	Men		1429	920.93		1429	2599	1169.55		45%	28, 30, 32, 34,
41	https://www.6791064	HRX by Hrithik Roshan	Sports Wear	track-pants	Men		759	793.18		759	1899	1139.4		60%	S, M, L, XL, XX
42	https://www.12918912	Roadster	Topwear	shirts	Men		599	709.5		599	1199	599.5		50%	38, 40, 42, 44,
43	https://www.11245584	HRX by Hrithik Roshan	Sports Wear	tights	Women		594	793.18		594	1699	1104.35		65%	XS, S, M, L, XL
44	https://www.8643285	SASSAFRAS	Western	trousers	Women			470		470	1599	799.5		50%	26, 28, 30, 32,
45	https://www.9451341	her by invictus	Western	tops	Women			470		470	1699	509.7		30%	S, M, L, XL, XX
46	https://www.7526008	StyleStone	Western	jackets	Women			470		470	1999	1099.45		55%	S, M, L, XL
47	https://www.11235516	Mayra	Western	tops	Women			470		470	995	577.1		58%	S, M, L, XL
48	https://www.10064541	Roadster	Bottom Wear	jeans	Men		799	920.93		799	1999	1199.4		60%	28, 30, 32, 34,
49	https://www.976816	HRX by Hrithik Roshan	Inner Wear	& socks	Men		359	530.36		359	599	239.6		40%	Onesize
50	https://www.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

Q3. COUNT THE NUMBER OF PRODUCTS AVAILABLE IN SIZE "M. "

```
=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 "11226634"

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

Q2. FIND THE "DISCOUNT PRICE" FOR THE PRODUCT WITH THE PRODUCT ID "6744434" USING THE INDEX AND MATCH FUNCTIONS.

```
=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
		Lingerie & Sleep Wear

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

thank you



G I T H U B



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