



Analysis of Myntra Apparel

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About the Company

- ▶ Myntra is a one stop shop for all your fashion and lifestyle needs.
- ▶ One of India's largest e-commerce store for fashion and lifestyle products.

Problem Statement

- You are working at Myntra, a leading online fashion retailer.
- The management has asked you to analyze a dataset of various apparel items to gain insights into pricing, discounts, ratings, and available sizes.
- The Data Analysis was done based on only 10,000 rows to avoid any system lag and create smooth calculations.



Our Goals

The approach to complete the project will be as follows:

#1 Data Cleaning and Preparation

#2 Data Analysis

#3 Data Retrieval and Lookup

Raw Dataset

The raw dataset provided to us is below

Index	URL	Product_id	BrandName	Category	Individual_category_1	Description	DiscountPrice	OriginalPrice	DiscountOffer	SizeOptions	Ratings	Reviews
1	https://www.zeel.com/2296012	Roadster	Bottom Wear	jeans	Men	roadster men jeans	824	1499	45% OFF	28, 30, 32, 34	3.9	999
2	https://www.zeel.com/13780156	LOCOMOTIVE	Bottom Wear	track-pant	Men	locomotive men track pant	517	1149	55% OFF	S, M, L, XL	4.0	999
3	https://www.zeel.com/11895958	Roadster	Topwear	shirts	Men	roadster men shirts	629	1399	55% OFF	38, 40, 42, 44	4.3	999
4	https://www.zeel.com/4335679	Zivame	Lingerie & Shapewear	Women	Women	zivame women lingerie	893	1295	31% OFF	S, M, L, XL, XXL	4.2	999
5	https://www.zeel.com/11690882	Roadster	Western	tshirts	Women	roadster women white tshirts	599	999	35% OFF	XS, S, M, L, XL	4.2	999
6	https://www.zeel.com/2490950	Mast & Harbour	Western	tops	Women	mast harbour women tops	599	999	40% OFF	XS, S, M, L, XL	4.4	999
7	https://www.zeel.com/6744434	HIGHLAND	Bottom Wear	trousers	Men	highlander men trousers	599	1499	60% OFF	30, 32, 34, 36	3.9	998
8	https://www.zeel.com/8439415	Mayra	Western	tops	Women	mayra pink embroidery tops	1395	1999	58% OFF	S, M, L, XL	3.7	998
9	https://www.zeel.com/17381394	Roadster	Western	tshirts	Women	roadster women pack tshirts	1098	1999	45% OFF	XS, S, M, L, XL	4.3	997
10	https://www.zeel.com/2359257	HERE&NOW	Bottom Wear	jeans	Men	herenow men blue slacks	2749	3999	28% OFF	28, 30, 32, 34, 36	3.5	996
11	https://www.zeel.com/7695793	HRX by Hrithik Roshan	Sports Wear	tights	Men	hrx by hrithik men tights	1214	2699	55% OFF	S, M, L, XL, XXL	4.4	996
12	https://www.zeel.com/10307375	Roadster	Topwear	tshirts	Men	roadster men navy blue tshirts	699	999	40% OFF	XS, S, M, L, XL	4.1	996
13	https://www.zeel.com/12873874	Anubhutee	Indian Wear	kurta-sets	Women	anubhutee women kurta sets	1019	3399	70% OFF	S, M, L, XL, XXL	4.2	996
14	https://www.zeel.com/11634538	Athena	Western	jumpsuit	Women	athena women black jumpsuit	2499	3999	50% OFF	XS, S, M, L, XL	4.3	996
15	https://www.zeel.com/2312181	Roadster	Western	tshirts	Women	roadster women man tshirts	799	1999	60% OFF	XS, S, M, L, XL	4.0	996
16	https://www.zeel.com/13842386	HIGHLAND	Topwear	shirts	Men	highlander men shirts	516	1099	53% OFF	39, 40, 42, 44	4.2	995
17	https://www.zeel.com/10473520	Vishudh	Indian Wear	kurtas	Women	vishudh women kurtas	696	1699	59% OFF	S, M, L, XL, XXL	4.2	995
18	https://www.zeel.com/10561392	Sangria	Plus Size	kurta-sets	Women	sangria women green kurta sets	3999	5999	20% OFF	XS, S, M, L, XL, XXL	4.3	995
19	https://www.zeel.com/12391750	Tokyo Talkies	Western	trousers	Women	tokyo talkies women trousers	2149	3999	61% OFF	28, 30, 32, 34, 36	4.1	995
20	https://www.zeel.com/2522986	DressBerry	Western	tshirts	Women	dressberry women low price tshirts	999	1999	75% OFF	XS, S, M, L, XL, XXL	4.3	995

#1 Data Cleaning and Preparation

Project Questions

- 1) Check for duplicate values in your dataset and remove them.
- 2) Standardize the "DiscountOffer" column to a single format, ensuring all values are uniform.
- 3) Identify rows where both "DiscountPrice" and "DiscountOffer" are null and fill the "DiscountPrice" with the average discount price of the respective category.
- 4) Replace all null values in the "SizeOption" column with the text "Not Available."

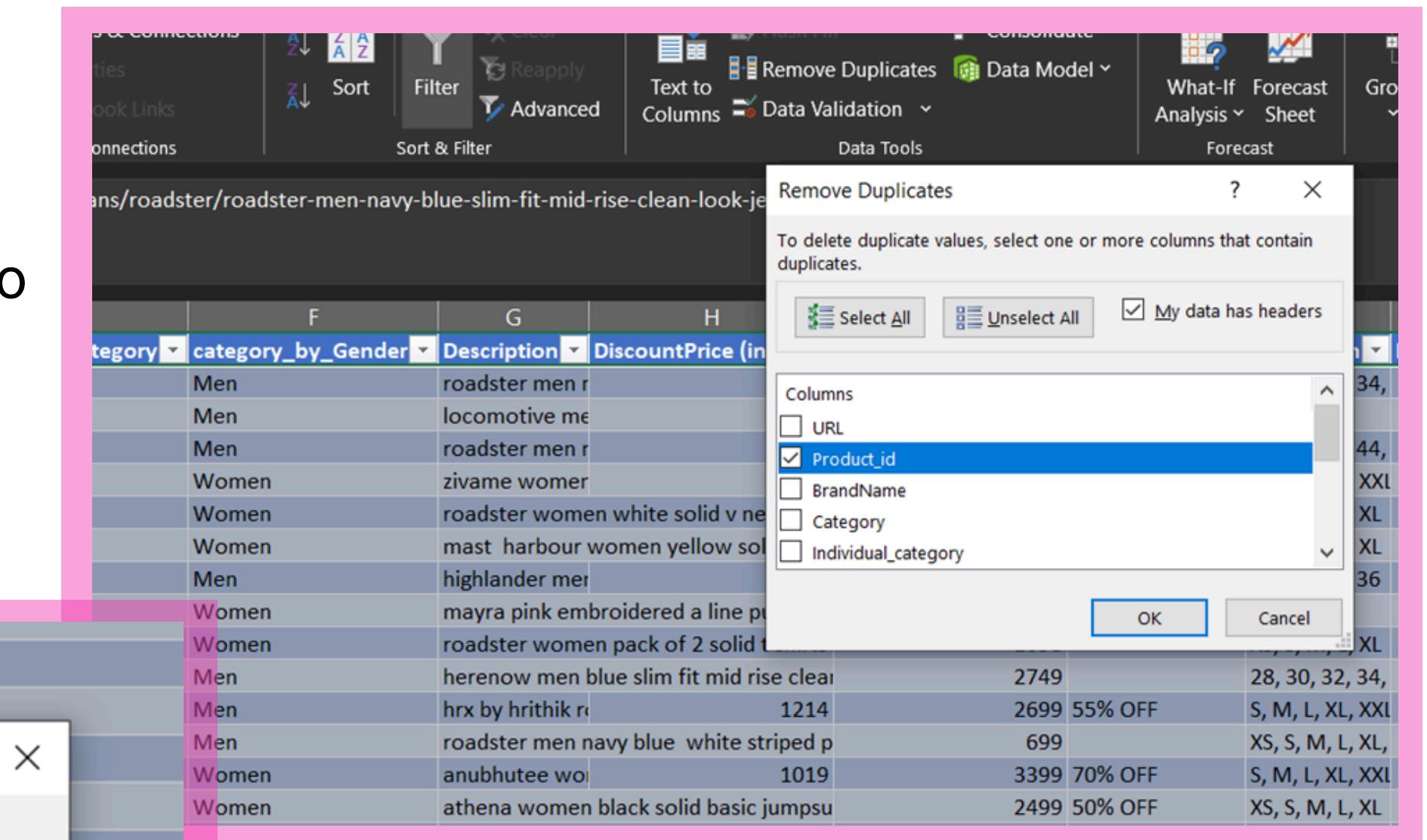
Approach

1) Check for duplicate values in your dataset and remove them.

To remove duplicates we go to

- Data Menu > Remove Duplicates
- Unselect All and then choose Product_id to remove duplicates based on Product_id.
- We found no duplicates.

Category	category_by_Gender	Description	DiscountPrice (in)	Size	Color	Offer	Tags
Women	Women	mast harbour women yellow solid tank					
Men	Men	highlander men	599				
Women	Women	mayra pink embroidered a line pure cot					
Women	Women	roadster women					
Men	Men	herenow men					
Men	Men	hrx by hrithik					
Men	Men	roadster men					
Women	Women	anubhutee wo					
Women	Women	athena women					
Women	Women	roadster women maroon solid round ne					
Men	Men	highlander men	516				
Women	Women	vishudh women	696				



Approach

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

To standardize the “DiscountOffer” column to a single format

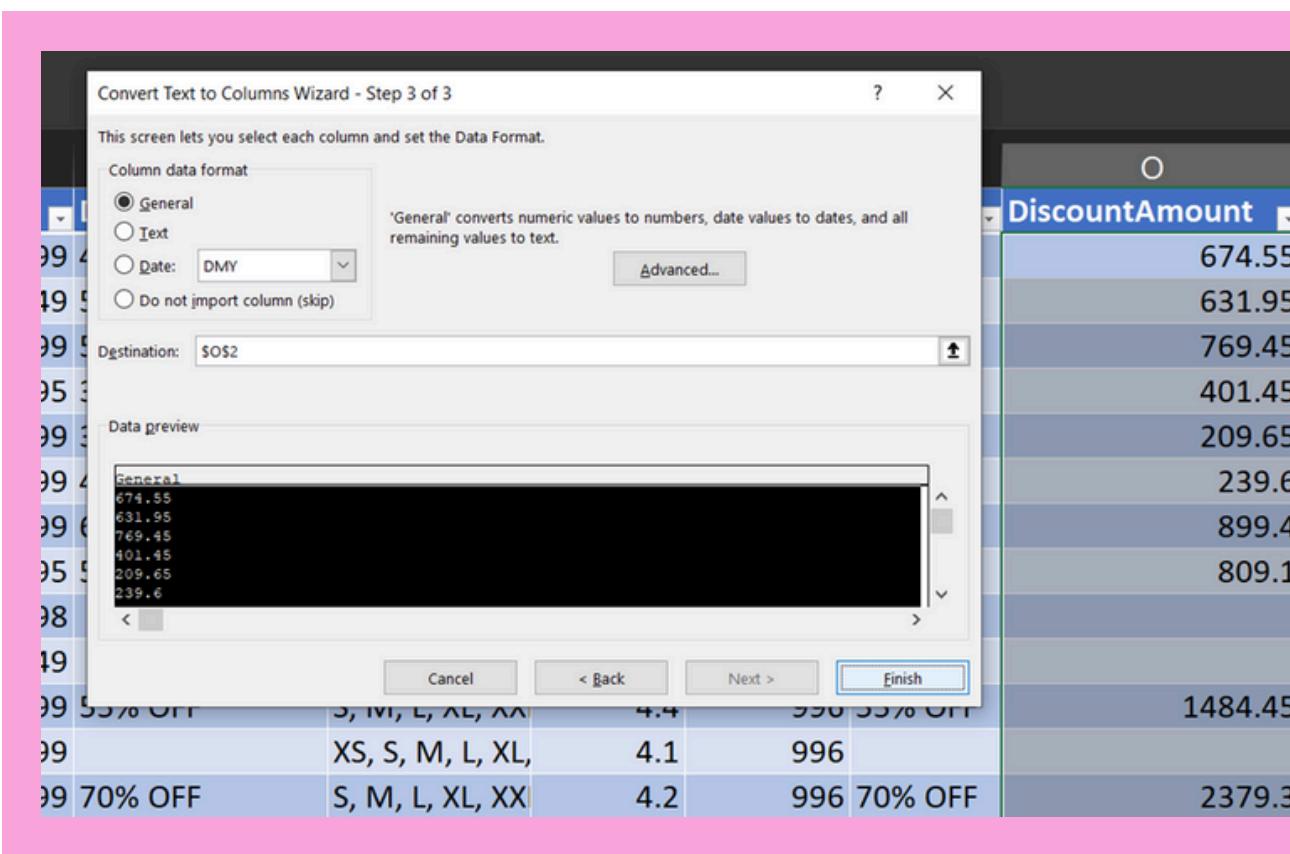
- We first replace all the values from DiscountOffer Column which contain ‘Rs.’ with empty value with help of **SUBSTITUTE()** formula.
- In the same formula we **TRIM()** the final result to remove all the whitespaces which will be present.

	L	M	N	O	P	Q	R
	Ratings	Reviews	Column1				
34,	3.9	999	=TRIM(SUBSTITUTE([@DiscountOffer],"Rs.",""))				
	4	999 5	TRIM(text)				
44,	4.3	999 55% OFF					
XX	4.2	999 31% OFF					
XL	4.2	999 35% OFF					
XL	4.4	999 40% OFF					
36	3.9	998 60% OFF					
	3.7	998 58% OFF					
XL	4.3	997					
34,	3.5	996					
XX	4.4	996 55% OFF					

Approach

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

- We then calculate the **DiscountAmount** by using the formula(which we can see in the next to picture) where in we extract the values before the % symbol and divide it by 100 and multiply the whole by the original price.



N	O	P	Q	R
Column1	DiscountAmount			
45% OFF	=IF(ISNUMBER(SEARCH("%",[@Column1]),(LEFT([@Column1],SEARCH("%",[@Column1])-1)/100)*[@[OriginalPrice (in Rs)]],[@Column1])			
55% OFF				
55% OFF				
31% OFF				
35% OFF				
40% OFF	239.6			
60% OFF	899.4			
58% OFF	809.1			
55% OFF	1484.45			

- By using Text to Columns tool, we remove the **OFF** word from the DiscountAmount by setting delimiter to **space**.

Approach

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

- Further we calculate the **Discount(%)** by dividing the DiscountAmount with OriginaPrice and multiplying the result by 100.

O	P	Q	R	S	T
DiscountAmount	Column1				
674.55	=IF([@DiscountAmount]=""","",[@DiscountAmount]/[@[OriginalPrice (in Rs)]]*100)				
631.95					
769.45					
401.45	31				
209.65	35				
239.6	40				
899.4	60				
809.1	58				
1484.45	55				
2379.3	70				

Approach

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

To check if values are null and replace them with the average

- We use the **IF()** formula to check for null values.
- If we find any null values we replace them with the Average values based on the category of the Product from a particular Brand.
- To do this we use **AVERAGEIFS()** formula.
- From this we obtain the final column with all the **DiscountOffer(%)** values.
- Now we can find all the remaining values such as **DiscountedAmount** and **DiscountAmount**.

O	P	Q	R	S	T
DiscountAmount	Discount(%)	Column2			
674.55	45	=IF([@Discount(%)]="",AVERAGEIFS(
631.95	55	[Discount(%)], [Category],[@Category])			
769.45	55	[@Discount(%)])			
401.45	31				
209.65	35		35		
239.6	40		40		
899.4	60		60		
809.1	58	IF(logical_test, [value_if_true], [value_if_false])			
			47.72562		
			43.97481		
1484.45	55		55		
			44.61667		
2379.3	70		70		

Approach

To find the DiscountAmount and DiscountedAmount

- We divide the DiscountOffer by 100 and multiply the result by the OriginalPrice.
- We can then find the DiscountedAmount by subtracting the DiscountAmount from the OriginalPrice.
- We can use **FLOOR.MATH()** function to round off the result.

P	Q
DiscountAmount	DiscountedAmount
674.55	=FLOOR.MATH(
631.95	[@OriginalPrice (in Rs)
769.45]-[@DiscountAmount])

O	P	Q	R	S
Column2	DiscountOffer2	DiscountAma		
674.55	45	=[@DiscountOffer2]/100*		
631.95	55	[@OriginalPrice (in Rs)]		
769.45	55			
401.45	31	401.45		
209.65	35	209.65		
239.6	40	239.6		
899.4	60	899.4		
809.1	58	809.1		
	53	581.94		
	52	1429.48		

Approach

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

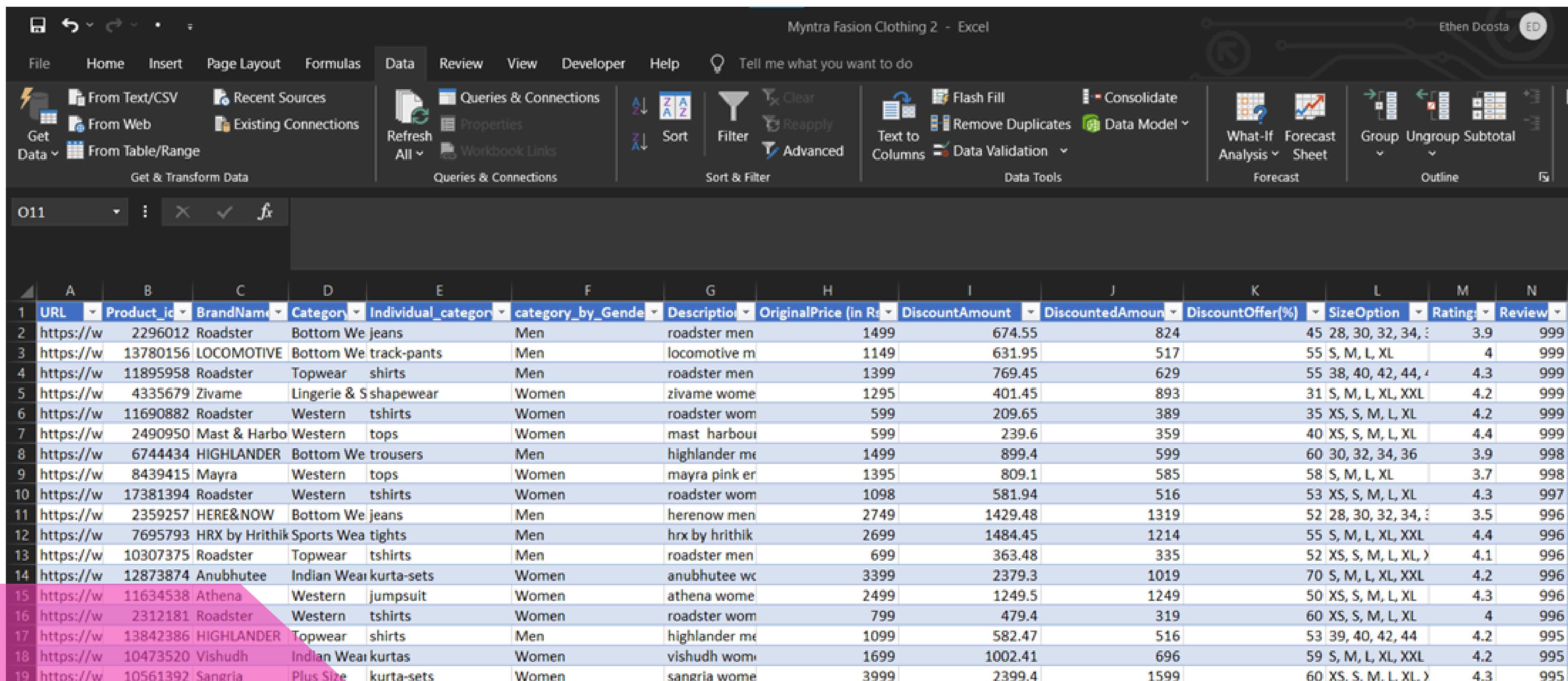
To replace null values we

- Check if the value is empty in Size Option by using an **IF** formula.
- If the value is empty we replace it with "**Not Available**" and if it's not we keep the same value as earlier.

SizeOption	Ratings	Reviews	Column
28, 30, 32, 34	3.9	999	=IF([@SizeOption]","", "Not Available",[@SizeOption])
S, M, L, XL	4	999	
38, 40, 42, 44	4.3	999	
S, M, L, XL, XX	4.2	999	S, M, L, XL, XXL
XS, S, M, L, XL	4.2	999	XS, S, M, L, XL
XS, S, M, L, XL	4.4	999	XS, S, M, L, XL
30, 32, 34, 36	3.9	998	30, 32, 34, 36
S, M, L, XL	3.7	998	S, M, L, XL
XS, S, M, L, XL	4.3	997	XS, S, M, L, XL
28, 30, 32, 34	3.5	996	28, 30, 32, 34, 36
S, M, L, XL, XX	4.4	996	S, M, L, XL, XXL
XS, S, M, L, XL	4.1	996	XS, S, M, L, XL, XXL, 3XL, 4XL

Cleaned Dataset

Thus we can say our Data Cleaning and Preparation Process is finished and we obtain the cleaned dataset ([Link to Cleaned Dataset](#))



The screenshot shows a Microsoft Excel spreadsheet titled "Myntra Fashion Clothing 2 - Excel". The ribbon menu is visible at the top, with the "Data" tab selected. The main content area displays a table with 19 rows of data, representing a cleaned dataset. The columns are labeled A through N and include fields such as URL, Product_id, BrandName, Category, Individual_category, category_by_Gender, Description, OriginalPrice (in Rs), DiscountAmount, DiscountedAmount, DiscountOffer(%), SizeOption, Rating, and Review.

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	URL	Product_id	BrandName	Category	Individual_category	category_by_Gender	Description	OriginalPrice (in Rs)	DiscountAmount	DiscountedAmount	DiscountOffer(%)	SizeOption	Rating	Review
2	https://w	2296012	Roadster	Bottom	We jeans	Men	roadster men	1499	674.55	824	45	28, 30, 32, 34, 36	3.9	999
3	https://w	13780156	LOCOMOTIVE	Bottom	We track-pants	Men	locomotive m	1149	631.95	517	55	S, M, L, XL	4	999
4	https://w	11895958	Roadster	Topwear	shirts	Men	roadster men	1399	769.45	629	55	38, 40, 42, 44, 46	4.3	999
5	https://w	4335679	Zivame	Lingerie & S	shapewear	Women	zivame wome	1295	401.45	893	31	S, M, L, XL, XXL	4.2	999
6	https://w	11690882	Roadster	Western	tshirts	Women	roadster wom	599	209.65	389	35	XS, S, M, L, XL	4.2	999
7	https://w	2490950	Mast & Harbo	Western	tops	Women	mast harbour	599	239.6	359	40	XS, S, M, L, XL	4.4	999
8	https://w	6744434	HIGHLANDER	Bottom	We trousers	Men	highlander me	1499	899.4	599	60	30, 32, 34, 36	3.9	998
9	https://w	8439415	Mayra	Western	tops	Women	mayra pink er	1395	809.1	585	58	S, M, L, XL	3.7	998
10	https://w	17381394	Roadster	Western	tshirts	Women	roadster wom	1098	581.94	516	53	XS, S, M, L, XL	4.3	997
11	https://w	2359257	HERE&NOW	Bottom	We jeans	Men	herenow men	2749	1429.48	1319	52	28, 30, 32, 34, 36	3.5	996
12	https://w	7695793	HRX by Hrithik	Sports Wea	tights	Men	hrx by hrithik	2699	1484.45	1214	55	S, M, L, XL, XXL	4.4	996
13	https://w	10307375	Roadster	Topwear	tshirts	Men	roadster men	699	363.48	335	52	XS, S, M, L, XL	4.1	996
14	https://w	12873874	Anubhutee	Indian Wear	kurta-sets	Women	anubhutee wc	3399	2379.3	1019	70	S, M, L, XL, XXL	4.2	996
15	https://w	11634538	Athena	Western	jumpsuit	Women	athena wome	2499	1249.5	1249	50	XS, S, M, L, XL	4.3	996
16	https://w	2312181	Roadster	Western	tshirts	Women	roadster wom	799	479.4	319	60	XS, S, M, L, XL	4	996
17	https://w	13842386	HIGHLANDER	Topwear	shirts	Men	highlander me	1099	582.47	516	53	39, 40, 42, 44	4.2	995
18	https://w	10473520	Vishudh	Indian Wear	kurtas	Women	vishudh wom	1699	1002.41	696	59	S, M, L, XL, XXL	4.2	995
19	https://w	10561392	Sangria	Plus Size	kurta-sets	Women	sangria wome	3999	2399.4	1599	60	XS, S, M, L, XL	4.3	995

#2 Data Analysis

Project Questions

- 1) Calculate the overall average original price for products with ratings greater than 4.
- 2) Count the number of products with a discount offer greater than 50% OFF.
- 3) Count the number of products available in size "M."
- 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 Discount."

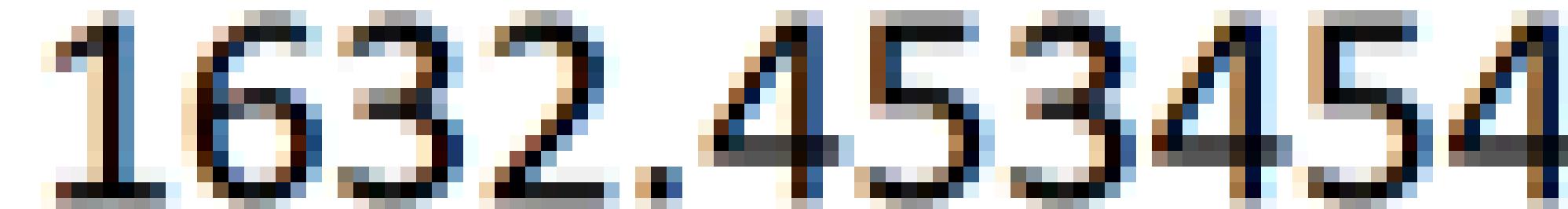
Approach

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

To calculate the overall average original price for products with ratings greater than 4 we use the following formula

```
=AVERAGEIFS(Table2[OriginalPrice (in Rs)],Table2[Ratings],">4")
```

We get the result as:



Product ID	Original Price (in Rs)	Ratings
1	6	3
2	3	2
3	4	4
4	5	5
5	3	3
6	4	4
7	5	5
8	4	4
9	5	4
10	4	4

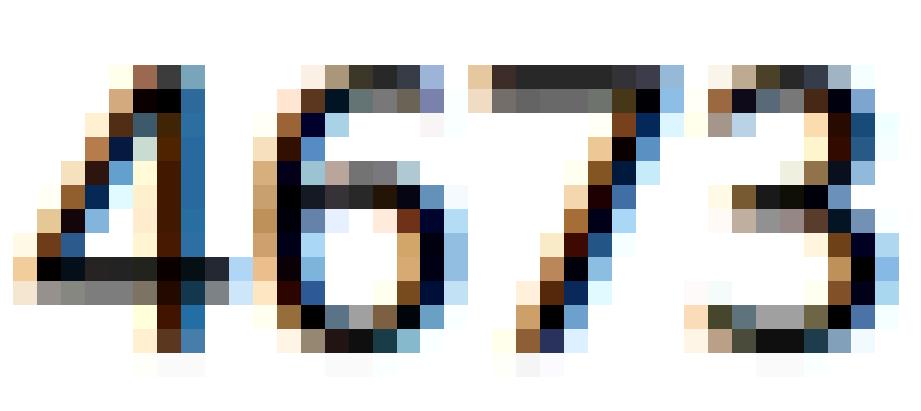
Approach

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

To count the number of products with a discount offer greater than 50% OFF we use the following formula

```
=COUNTIF(Table3[DiscountOffer],">50")
```

We get the result as:



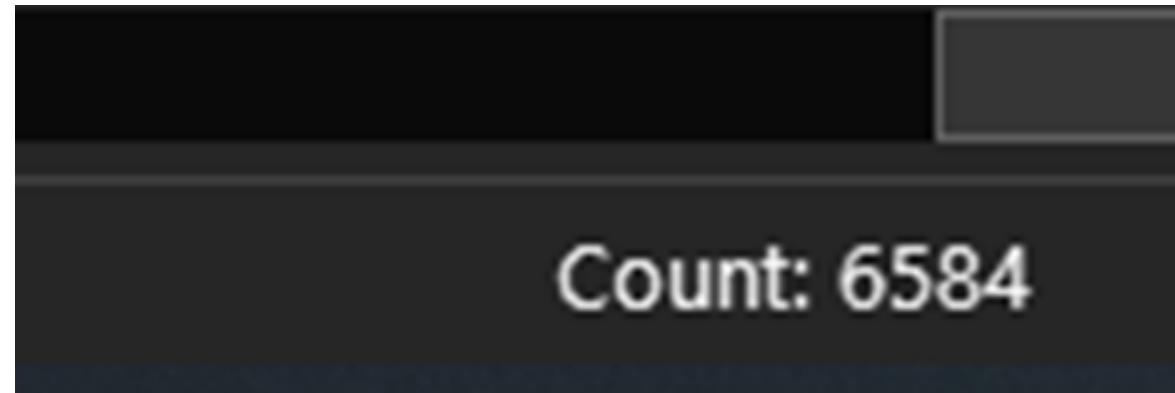
Approach

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

To count the number of products available in size “M”

- We select the SizeOption column and then from the Filter tool we can choose **Text Filters> Contains** and type “M” in the value box and click OK.
- We will be displayed with all the products with size “M” available.
- In the Status Bar we will get the count of the number of products available in size “M”.

We get the result as:



- We can also use the formula below to obtain the same result

```
=COUNTIFS(Table1[SizeOption], "*M*")
```

Approach

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 Discount."

To create the High/Low Discount column

- We can use the IF() formula to check if the DiscountOffer is above 50 or below and assign **High Discount** or **Low Discount**.

We get the result as:

N	O	P	Q
DiscountOffer	High/Low		
45	=IF([@DiscountOffer]>50,"High		
55	Discount","Low Discount")		
55	High Discount		
31	Low Discount		
35	Low Discount		
40	Low Discount		
60	High Discount		
58	High Discount		

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URL	Product_id	BrandName	Category	Individual_category	category_by_Gender	Description	OriginalPrice (in Rs)	DiscountAmount	DiscountedPrice (in Rs)	SizeOptions	Ratings	Reviews	DiscountOffer	High/Low
https://www.myntra.com/2296012/Roadster-Bottom-Wear/jeans/Men/roadster-men-men/1499/674.55/824/28,30,32,34,35/3.9/999/45	2296012	Roadster	Bottom Wear	jeans	Men	roadster men men	1499	674.55	824	28, 30, 32, 34, 35	3.9	999	45	Low Discount
https://www.myntra.com/13780156/LOCOMOTIVE-Bottom-Wear/track-pants/Men/locomotive-men-men/1149/631.95/517/S,M,L,XL/4/999/55	13780156	LOCOMOTIVE	Bottom Wear	track-pants	Men	locomotive men men	1149	631.95	517	S, M, L, XL	4	999	55	High Discount
https://www.myntra.com/11895958/Roadster-Topwear/shirts/Men/roadster-men-men/1399/zivame-women-women/1295/401.45/629/38,40,42,44,45/4.3/999/55	11895958	Roadster	Topwear	shirts	Men	roadster men men	1399	769.45	629	38, 40, 42, 44, 45	4.3	999	55	High Discount
https://www.myntra.com/4335679/Zivame-Lingerie-&-Sleepwear/shapewear/Women/zivame-women-women/zivame-women-women/1295/401.45/893/S,M,L,XL,XXL/4.2/999/31	4335679	Zivame	Lingerie & Sleepwear	shapewear	Women	zivame women women	1295	401.45	893	S, M, L, XL, XXL	4.2	999	31	Low Discount
https://www.myntra.com/11690882/Roadster-Western/tshirts/Women/roadster-women-women/599/mast-harbour-tops/Women/mast-harbour-tops/599/239.6/389/XS,S,M,L,XL/4.2/999/35	11690882	Roadster	Western	tshirts	Women	roadster women women	599	209.65	389	XS, S, M, L, XL	4.2	999	35	Low Discount
https://www.myntra.com/2490950/Mast-&Harbour-Western/tops/Women/mast-harbour-tops/Women/mast-harbour-tops/599/239.6/359/XS,S,M,L,XL/4.4/999/40	2490950	Mast & Harbour	Western	tops	Women	mast harbour tops	599	239.6	359	XS, S, M, L, XL	4.4	999	40	Low Discount
https://www.myntra.com/6744434/HIGHLANDER-Bottom-Wear/trousers/Men/highlander-men-men/1499/899.4/599/30,32,34,36/3.9/998/60	6744434	HIGHLANDER	Bottom Wear	trousers	Men	highlander men men	1499	899.4	599	30, 32, 34, 36	3.9	998	60	High Discount
https://www.myntra.com/8439415/Mayra-Western/tops/Women/mayra-pink-men-men/1395/809.1/585/S,M,L,XL/3.7/998/58	8439415	Mayra	Western	tops	Women	mayra pink men men	1395	809.1	585	S, M, L, XL	3.7	998	58	High Discount
https://www.myntra.com/17381394/Roadster-Western/tshirts/Women/roadster-women-women/1098/581.94/516/XS,S,M,L,XL/4.3/997/53	17381394	Roadster	Western	tshirts	Women	roadster women women	1098	581.94	516	XS, S, M, L, XL	4.3	997	53	High Discount
https://www.myntra.com/2359257/HERE&NOW-Bottom-Wear/jeans/Men/herenow-men-men/2749/1456.97/1292/28,30,32,34,35/3.5/996/53	2359257	HERE&NOW	Bottom Wear	jeans	Men	herenow men men	2749	1456.97	1292	28, 30, 32, 34, 35	3.5	996	53	High Discount
https://www.myntra.com/7695793/HRX-by-Hrithik-Sports-Wear/tights/Men/hrx-by-hrithik-men-men/2699/1484.45/1214/S,M,L,XL,XXL/4.4/996/55	7695793	HRX by Hrithik	Sports Wear	tights	Men	hrx by hrithik men men	2699	1484.45	1214	S, M, L, XL, XXL	4.4	996	55	High Discount
https://www.myntra.com/10307375/Roadster-Topwear/tshirts/Men/roadster-men-men/699/anubhutee-women-women/3399/2379.3/1019/S,M,L,XL,XXL/4.2/996/70	10307375	Roadster	Topwear	tshirts	Men	roadster men men	699	370.47	328	XS, S, M, L, XL	4.1	996	53	High Discount
https://www.myntra.com/12873874/Anubhutee-Indian-Wear/kurta-sets/Women/anubhutee-women-women/3399/2379.3/1019/S,M,L,XL,XXL/4.2/996/70	12873874	Anubhutee	Indian Wear	kurta-sets	Women	anubhutee women women	3399	2379.3	1019	S, M, L, XL, XXL	4.2	996	70	High Discount
https://www.myntra.com/11634538/Athena-Western/jumpsuit/Women/athena-women-women/2499/1249.5/1249/XS,S,M,L,XL/4.3/996/50	11634538	Athena	Western	jumpsuit	Women	athena women women	2499	1249.5	1249	XS, S, M, L, XL	4.3	996	50	Low Discount
https://www.myntra.com/2312181/Roadster-Western/tshirts/Women/roadster-women-women/799/mast-harbour-tops/Women/mast-harbour-tops/799/479.4/319/XS,S,M,L,XL/4/996/60	2312181	Roadster	Western	tshirts	Women	roadster women women	799	479.4	319	XS, S, M, L, XL	4	996	60	High Discount
https://www.myntra.com/13842386/HIGHLANDER-Topwear/shirts/Men/highlander-men-men/1099/582.47/516/39,40,42,44/4.2/995/53	13842386	HIGHLANDER	Topwear	shirts	Men	highlander men men	1099	582.47	516	39, 40, 42, 44	4.2	995	53	High Discount
https://www.myntra.com/10473520/Vishudh-Indian-Wear/kurtas/Women/vishudh-women-women/1699/1002.41/696/S,M,L,XL,XXL/4.2/995/59	10473520	Vishudh	Indian Wear	kurtas	Women	vishudh women women	1699	1002.41	696	S, M, L, XL, XXL	4.2	995	59	High Discount
https://www.myntra.com/10561392/Sangria-Plus-Size/kurta-sets/Women/sangria-women-women/3999/2439.39/1559/XS,S,M,L,XL/4.3/995/61	10561392	Sangria	Plus Size	kurta-sets	Women	sangria women women	3999	2439.39	1559	XS, S, M, L, XL	4.3	995	61	High Discount
https://www.myntra.com/12391750/Tokyo-Talkies-Western/trousers/Women/tokyo-talkies-women-women/2149/1310.89/838/28,30,32,34/4.1/995/61	12391750	Tokyo Talkies	Western	trousers	Women	tokyo talkies women women	2149	1310.89	838	28, 30, 32, 34	4.1	995	61	High Discount
https://www.myntra.com/2522986/DressBerry-Western/tshirts/Women/dressberry-women-women/999/749.25/249/XS,S,M,L,XL/4.3/995/75	2522986	DressBerry	Western	tshirts	Women	dressberry women women	999	749.25	249	XS, S, M, L, XL	4.3	995	75	High Discount
https://www.myntra.com/17385142/Roadster-Western/tshirts/Women/roadster-women-women/1298/anouk-women-women/1599/879.45/719/XS,S,M,L,XL/3.8/993/55	17385142	Roadster	Western	tshirts	Women	roadster women women	1298	687.94	610	XS, S, M, L, XL	4.4	994	53	High Discount
https://www.myntra.com/12153330/Anouk-Indian-Wear/kurtas/Women/anouk-women-women/1599/879.45/719/XS,S,M,L,XL/3.8/993/55	12153330	Anouk	Indian Wear	kurtas	Women	anouk women women	1599	879.45	719	XS, S, M, L, XL	3.8	993	55	High Discount
https://www.myntra.com/1864573/Enamor-Lingerie-&-Sleepwear/bra/Women/enamor-black-women-women/849/373.56/475/S,M,L,XL/4.2/993/44	1864573	Enamor	Lingerie & Sleepwear	bra	Women	enamor black women women	849	373.56	475	S, M, L, XL	4.2	993	44	Low Discount
https://www.myntra.com/13205276/all-about-you-Western/shirts/Women/all-about-you-women-women/1499/749.5/749/XS,S,M,L,XL/4.2/993/50	13205276	all about you	Western	shirts	Women	all about you women women	1499	749.5	749	XS, S, M, L, XL	4.2	993	50	Low Discount
https://www.myntra.com/11535928/KASSUALLY-Western/tops/Women/kassually-blue-women-women/1299/805.38/493/XS,S,M,L,XL/4.3/992/62	11535928	KASSUALLY	Western	tops	Women	kassually blue women women	1299	805.38	493	XS, S, M, L, XL	4.3	992	62	High Discount
https://www.myntra.com/6552977/RARE-Western/tops/Women/rare-women-mens-women/1299/740.43/558/S,M,L,XL/4.2/991/57	6552977	RARE	Western	tops	Women	rare women mens women	1299	740.43	558	S, M, L, XL	4.2	991	57	High Discount
https://www.myntra.com/9476129/Zastraa-Western/trousers/Women/zastraa-women-women/2699/1889.3/809/26,28,30,32,34/4.1/991/70	9476129	Zastraa	Western	trousers	Women	zastraa women women	2699	1889.3	809	26, 28, 30, 32, 34	4.1	991	70	High Discount
https://www.myntra.com/2017530/WISSTLER-Western/shorts/Women/wisstler-women-women/899/548.39/350/26,28,30,32,34/4/991/61	2017530	WISSTLER	Western	shorts	Women	wisstler women women	899	548.39	350	26, 28, 30, 32, 34	4	991	61	High Discount
https://www.myntra.com/11173948/Sangria-Plus-Size/kurtas/Women/sangria-women-women/899/539.4/359/XS,S,M,L,XL/4/990/60	11173948	Sangria	Plus Size	kurtas	Women	sangria women women	899	539.4	359	XS, S, M, L, XL	4	990	60	High Discount
https://www.myntra.com/11118428/Roadster-Western/shorts/Women/roadster-women-women/1199/659.45/539/26,28,30,32,34/4.3/990/55	11118428	Roadster	Western	shorts	Women	roadster women women	1199	659.45	539	26, 28, 30, 32, 34	4.3	990	55	High Discount

#3 Data Retrieval and Lookup

Project Questions

- 1) Use VLOOKUP/XLOOKUP to find the product brand, price, and rating of the product with Product_id "11226634".
- 2) Find the "DiscountPrice" for the product with the Product ID "6744434" using the INDEX and MATCH functions.
- 3) Utilize nested xlookup to find any column's detail of a product with it's product id.

Approach

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

To find the product brand, price, and rating of the product with Product_id “11226634”

- We make use of the following formulas

product brand $=VLOOKUP(S15,Table1[[Product_id]:[High/Low Discount]],2,0)$

price $=VLOOKUP(S15,Table1[[Product_id]:[High/Low Discount]],7,0)$

rating $=VLOOKUP(S15,Table1[[Product_id]:[High/Low Discount]],12,0)$

We get the result as:

product brand	LOCOMOTIVE
price	1149
rating	4

Approach

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

To find the "DiscountPrice" for the product with the Product ID "6744434" using the INDEX and MATCH functions

DiscountPrice =INDEX(Table1[DiscountAmount],MATCH(S25,Table1[Product_id],0))

We get the result as:

DiscountPrice	899.4
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Approach

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

The said task couldn't be completed because of the restrictions of Excel 2019.

