



# Myntra

Myntra is one of India's leading online fashion and lifestyle retailers, offering a wide range of products including apparel, footwear, accessories, and personal care items. Founded in 2007, Myntra initially specialized in personalized products before evolving into a full-fledged fashion marketplace. It was acquired by Flipkart in 2014, expanding its reach and impact in the e-commerce space.

**PROJECT PRESENTATION BY  
ASIF QURESHI**



# MYNTRA PROJECT OVERVIEW



I conducted an in-depth analysis of a large apparel dataset for Myntra, a leading online fashion retailer. The project focused on data cleaning, preparation, analysis, and data retrieval using Excel functions and methodologies. Key highlights of the project include:

## Project Questions

### A. Data Cleaning and Preparation

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."

### B. Data Analysis

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."

### C. Data Retrieval and Lookup

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 its product id.



# BELOW THERE IS DATA IN EXCEL ON WHICH WE HAVE TO PERFORM ANALYSIS

## DATA CLEANING AND PREPARATION



Table Name: **Table1** Summarize with PivotTable Remove Duplicates Insert Slicer Properties Export Refresh Open in Browser Unlink Header Row First Column Filter Button Total Row Last Column Banded Rows Banded Columns Table Style Options Table Styles

POSSIBLE DATA LOSS Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format. Don't show again Save As...

A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	URL	Product_id	BrandName	Category	Individual_category	category_by_Gender	Description	DiscountPrice (in Rs)	OriginalPrice (in Rs)	DiscountOffer	SizeOption	Ratings	Reviews
2	https://wv	2296012	Roadster	Bottom Wear	jeans	Men	roadster men r	824	1499	45% OFF	28, 30, 32, 34,	3.9	999
3	https://wv	13780156	LOCOMOTIVE	Bottom Wear	track-pants	Men	locomotive me	517	1149	55% OFF	S, M, L, XL	4	999
4	https://wv	11895958	Roadster	Topwear	shirts	Men	roadster men r	629	1399	55% OFF	38, 40, 42, 44,	4.3	999
5	https://wv	4335679	Zivame	Lingerie & Sleepwear	shapewear	Women	zivame women	893	1295	31% OFF	S, M, L, XL, XXL	4.2	999
6	https://wv	11690882	Roadster	Western	tshirts	Women	roadster women white solid v neck pure	599	35% OFF	XS, S, M, L, XL	4.2	999	
7	https://wv	2490950	Mast & Harbour	Western	tops	Women	mast harbour women yellow solid tank	599	40% OFF	XS, S, M, L, XL	4.4	999	
8	https://wv	6744434	HIGHLANDER	Bottom Wear	trousers	Men	highlander mer	599	1499	60% OFF	30, 32, 34, 36	3.9	998
9	https://wv	8439415	Mayra	Western	tops	Women	mayra pink embroidered a line pure cot	1395	58% OFF	S, M, L, XL	3.7	998	
10	https://wv	17381394	Roadster	Western	tshirts	Women	roadster women pack of 2 solid t shirts	1098			XS, S, M, L, XL	4.3	997
11	https://wv	2359257	HERE&NOW	Bottom Wear	jeans	Men	herenow men blue slim fit mid rise clear	2749			28, 30, 32, 34,	3.5	996
12	https://wv	7695793	HRX by Hrithik Roshan	F Sports Wear	tights	Men	hrx by hrithik r	1214	2699	55% OFF	S, M, L, XL, XXL	4.4	996
13	https://wv	10307375	Roadster	Topwear	tshirts	Men	roadster men navy blue white striped p	699			XS, S, M, L, XL	4.1	996
14	https://wv	12873874	Anubhutee	Indian Wear	kurta-sets	Women	anubhutee wo	1019	3399	70% OFF	S, M, L, XL, XXL	4.2	996
15	https://wv	11634538	Athena	Western	jumpsuit	Women	athena women black solid basic jumpsu	2499	50% OFF	XS, S, M, L, XL	4.3	996	
16	https://wv	2312181	Roadster	Western	tshirts	Women	roadster women maroon solid round ne	799	60% OFF	XS, S, M, L, XL	4	996	
17	https://wv	13842386	HIGHLANDER	Topwear	shirts	Men	highlander mer	516	1099	53% OFF	39, 40, 42, 44	4.2	995
18	https://wv	10473520	Vishudh	Indian Wear	kurtas	Women	vishudh women	696	1699	59% OFF	S, M, L, XL, XXL	4.2	995
19	https://wv	10561392	Sangria	Plus Size	kurta-sets	Women	sangria women green off white printed	3999			XS, S, M, L, XL	4.3	995
20	https://wv	12391750	Tokyo Talkies	Western	trousers	Women	tokyo talkies women olive green regul	2149	61% OFF	28, 30, 32, 34	4.1	995	
21	https://wv	2522986	DressBerry	Western	tshirts	Women	dressberry women lovely olive typogr	999	75% OFF	XS, S, M, L, XL	4.3	995	
22	https://wv	17385142	Roadster	Western	tshirts	Women	roadster women pack of 2 printed cott	1298			XS, S, M, L, XL	4.4	994
23	https://wv	12153330	Anouk	Indian Wear	kurtas	Women	anouk women	719	1599	55% OFF	XS, S, M, L, XL	3.8	993
24	https://wv	1864573	Enamor	Lingerie & Sleepwear	bra	Women	enamor black non wired removable pad	849			S, M, L, XL	4.2	993



# Check for duplicate values in your dataset and remove them.



**FIRST CHECK DUPLICATES ON ENTIRE TABLE , THEN BASED ON PRODUCT ID**

Innocent Boy

The screenshot shows an Excel spreadsheet titled "Mynta Fasion Clothing". A "Remove Duplicates" dialog box is open, prompting the user to select columns containing duplicates. The "Product\_id" column is selected. The main table contains data from the Myntra website, including URLs, product IDs, brand names, categories, and various price and size details.

**NO DUPLICATES FOUND BASED ON PRODUCT ID**

Innocent Boy

The screenshot shows the same Excel spreadsheet and data source as the first one. A confirmation message box is displayed, stating "No duplicate values found." This indicates that the duplicate check was successful. The main table continues to show the product data from the Myntra website.



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



STEP 1: FROM DISCOUNT OFFER COLUMN WE HAVE TO REMOVE RUPEES (Rs.) REPLACE WITH EMPTY.

Innocent Boy

	J	K	L	M	N	O	P	Q
s)	DiscountOffer	SizeOption	Ratings	Reviews				
1499	45% OFF	28, 30, 32, 34,	3.9	999	=SUBSTITUTE([@DiscountOffer],"Rs.","",")			
1149	55% OFF	S, M, L, XL	4	999				
1399	55% OFF	38, 40, 42, 44,	4.3	999				
1295	31% OFF	S, M, L, XL, XXL	4.2	999				

	J	K	L	M	N	
s)	DiscountOffer	SizeOption	Ratings	Reviews	Column1	
OFF		28, 30, 32, 34,	3.9	999	45% OFF	
OFF		S, M, L, XL	4	999	55% OFF	
OFF		38, 40, 42, 44,	4.3	999	55% OFF	
OFF		S, M, L, XL, XXL	4.2	999	31% OFF	
OFF		XS, S, M, L, XL	4.2	999	35% OFF	

## STEP 2: HOW MUCH PERCENT DISCOUNT CUSTOMER GOT WE HAVE TO CONVERT IT INTO AMOUNT.

Innocent Boy

M	N	O
Reviews	Column1	Discounted AMOUNT
999	45% OFF	674.55
999	55% OFF	631.95
999	55% OFF	769.45
999	31% OFF	401.45
999	35% OFF	209.65
999	40% OFF	239.6
998	60% OFF	899.4

## STEP 3: FROM DISCOUNT AMOUNT COLUMN WE HAVE TO REMOVE OFF BY USING A TEXT COLUMN.

Innocent Boy

K	L	M	N	O	
1	SizeOption	Ratings	Reviews	Column1	Discounted AMOUNT
2	28, 30, 32, 34,	3.9	9	A Z Sort Smallest to Largest	674.55
3	S, M, L, XL	4	9	Z A Sort Largest to Smallest	631.95
4	38, 40, 42, 44,	4.3	9	Sort by Color >	769.45
5	S, M, L, XL, XXL	4.2	9	Sheet View >	401.45
6	XS, S, M, L, XL	4.2	9	Clear Filter From "Discounted AMOUNT" >	209.65
7	XS, S, M, L, XL	4.4	9	Filter by Color >	239.6
8	30, 32, 34, 36	3.9	9	Number Filters >	899.4
9	S, M, L, XL	3.7	9	Search >	809.1
10	XS, S, M, L, XL	4.3	9	1200 OFF	1484.45
11	28, 30, 32, 34,	3.5	9	121 OFF	2379.3
12	S, M, L, XL, XXL	4.4	9	1215 OFF	1249.5
13	XS, S, M, L, XL,	4.1	9	123 OFF	479.4
14	S, M, L, XL, XXL	4.2	9	130 OFF	582.47
15	XS, S, M, L, XL	4.3	9	1305 OFF	1002.41
16	XS, S, M, L, XL	4	9	1331 OFF	1310.89
17	39, 40, 42, 44	4.2	9	140 OFF	749.25
18	S, M, L, XL, XXL	4.2	9	1400 OFF	879.45
19	XS, S, M, L, XL,	4.3	9	1401 OFF	749.5
20	28, 30, 32, 34	4.1	9		805.38
21	XS, S, M, L, XL	4.3	9		740.43
22	XS, S, M, L, XL	4.4	9		1000.2
23	XS, S, M, L, XL,	3.8	9		
24	S, M, L, XL	4.2	9		

Convert Text to Columns Wizard - Step 2 of 3

This screen lets you set the delimiters your data contains. You can see how your text is affected in the preview below.

Delimiters

- Tab
- Semicolon
- Comma
- Space
- Other:

Treat consecutive delimiters as one

Text qualifier:

Data preview

```
674.55
631.95
769.45
401.45
209.65
239.6
899.4
809.1
1484.45
2379.3
1249.5
479.4
582.47
1002.41
1310.89
749.25
879.45
749.5
805.38
740.43
1000.2
```

OK Cancel < Back Next > Finish

# WE HAVE SEPARATED OFF FROM DISCOUNTED AMOUNT COLUMN BY USING A TEXT COLUMN AND REMOVE THAT COLUMN.

Innocent Boy

M	N	O	P
Reviews	Column1	Discounted AMOUNT	Column2
.9	999 45% OFF	674.55	
4	999 55% OFF	631.95	
.3	999 55% OFF	769.45	
.2	999 31% OFF	401.45	
.2	999 35% OFF	209.65	
.4	999 40% OFF	239.4	
.9	998 60% OFF	899.4	
.7	998 58% OFF	809.1	
.3	997		
.5	996		
.4	996 55% OFF	1484.45	
.1	996		
.2	996 70% OFF	2379.3	
.3	996 50% OFF	1249.4	
4	996 60% OFF	479.4	
.2	995 53% OFF	582.4	
.2	995 59% OFF	1002.4	
.3	995		
.1	995 61% OFF	1310.4	
.3	995 75% OFF	749.4	
.4	994		
.8	993 55% OFF	879.4	
.2	993		
.2	993 50% OFF	749.5	

Mynta Fasion Clothing - Excel

File Home Insert Page Layout Formulas Data Review View Developer Help Table Design

From Text/CSV From Web Existing Connections Refresh All Edit Links Get & Transform Data Queries & Connections Properties Sort Filter Advanced Text to Columns Remove Duplicates Relationships Manage Data Model

Sort A to Z Sort Z to A Sort by Color Sheet View Clear Filter From "Column2" Filter by Color Text Filters Search

(Select All) OFF (Blanks)

Description DiscountPrice (in Rs) OriginalPrice (in Rs) DiscountOffer SizeOption Ratings Reviews Column1 Discounted AMOUNT

roadster men r 824 1499 45% OFF 28, 30, 32, 34, 3.9 999 45% OFF 674.55

locomotive me 517 1149 55% OFF S, M, L, XL 4 999 55% OFF 631.95

roadster men r 629 1399 55% OFF 38, 40, 42, 44, 4.3 999 55% OFF 769.45

zivame women 893 1295 31% OFF S, M, L, XL, XXL 4.2 999 31% OFF 401.45

roadster women white solid v neck pure 599 35% OFF XS, S, M, L, XL 4.2 999 35% OFF 209.65

mast harbour women yellow solid tank 599 40% OFF XS, S, M, L, XL 4.4 999 40% OFF 239.6

highlander mer 599 1499 60% OFF 30, 32, 34, 36 3.9 998 60% OFF 899.4

mayra pink embroidered a line pure cot 1395 58% OFF S, M, L, XL 3.7 998 58% OFF 809.1

roadster women pack of 2 solid t shirts 1098 XS, S, M, L, XL 4.3 997

herenow men blue slim fit mid rise clear 2749 28, 30, 32, 34, 3.5 996

hrx by hrithik r 1214 2699 55% OFF S, M, L, XL, XXL 4.4 996 55% OFF 1484.45

roadster men navy blue white striped p 699 XS, S, M, L, XL 4.1 996

anubhutee wo 1019 3399 70% OFF S, M, L, XL, XXL 4.2 996 70% OFF 2379.3

athena women black solid basic jumpsu 2499 50% OFF XS, S, M, L, XL 4.3 996 50% OFF 1249.5

roadster women maroon solid round ne 799 60% OFF XS, S, M, L, XL 4 996 60% OFF 479.4

highlander mer 516 1099 53% OFF 39, 40, 42, 44, 4.2 995 53% OFF 582.47

vishudh wome 696 1699 59% OFF S, M, L, XL, XXL 4.2 995 59% OFF 1002.41

sangria women green off white printed 3999 XS, S, M, L, XL 4.3 995

tokyo talkies women olive green regul 2149 61% OFF 28, 30, 32, 34 4.1 995 61% OFF 1310.89

dressberry women lovely olive typogra 999 75% OFF XS, S, M, L, XL 4.3 995 75% OFF 749.25

roadster women pack of 2 printed cott 1298 XS, S, M, L, XL 4.4 994

anouk women 719 1599 55% OFF XS, S, M, L, XL 3.8 993 55% OFF 879.45

enamor black non wired removable pad 849 S, M, L, XL 4.2 993

all about you women mauve stretchable 1499 50% OFF XS, S, M, L, XL 4.2 993 50% OFF 749.5

kassually blue floral cinched waist top v 1299 62% OFF XS, S, M, L, XL 4.3 992 62% OFF 805.38

rare women maroon striped top 1299 57% OFF S, M, L, XL 4.2 991 57% OFF 740.43

26°C Heavy rain

Search

## STEP 4:

Get & Transform Data | Queries & Connections | Sort & Filter

Innocent Boy

*fx* =IF([@Discounted AMOUNT]=""","",[@Discounted AMOUNT]/[@OriginalPrice (in Rs)]\*100)

L	M	N	O	P	Q	R	S	T
ings	Reviews	Column1	Discounted AMOUNT	Column2				
3.9	999	45% OFF	674.55	45				
4	999	55% OFF	631.95	55				
4.3	999	55% OFF	769.45	55				
4.2	999	31% OFF	401.45	31				
4.2	999	35% OFF	209.65	35				
4.4	999	40% OFF	239.6	40				
3.9	998	60% OFF	899.4	60				
3.7	998	58% OFF	809.1	58				
4.3	997							
3.5	996							
4.4	996	55% OFF	1484.45	55				
4.1	996							
4.2	996	70% OFF	2379.3	70				
4.3	996	50% OFF	1249.5	50				
4	996	60% OFF	479.4	60				
4.2	995	53% OFF	582.47	53				
4.2	995	59% OFF	1002.41	59				
4.2	995							



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



**We filled Discount % column on average on respective category**

All	Edit Links	Advanced	
1 Data	Queries & Connections	Sort & Filter	
<pre>=IF([@Discount %] = "", AVERAGEIFS([Discount %], [Category], [@Category]), [@Discount %])</pre>			
N	O	P	Q
Line1	Discounted AMOUNT	Discount %	Column2
IFF	674.55	45	45
IFF	631.95	55	55
IFF	769.45	55	55
IFF	401.45	31	31
IFF	209.65	35	35
IFF	239.6	40	40
IFF	899.4	60	60
IFF	809.1	58	58
		52.90145656	
		53.09213924	
IFF	1484.45	55	55
		52.94358883	
IFF	2379.3	70	70
IFF	1249.5	50	50
IFF	479.4	60	60
IFF	582.47	53	53
IFF	1002.41	59	59
		61.48954865	
IFF	1310.89	61	61
IFF	749.25	75	75

**We have to fill Discount amount column on average on respective category**



We have to fill Discount amount column on average  
on respective category



											O	
											Column1	
	OriginalPrice (in Rs)	SizeOption	Ratings	Reviews	Discounted AMOUNT	Discount %						
1499	28, 30, 32, 34,		3.9	999	674.55	45	674.55					
1149	S, M, L, XL		4	999	631.95	55	631.95					
1399	38, 40, 42, 44,		4.3	999	769.45	55	769.45					
1295	S, M, L, XL, XXL		4.2	999	401.45	31	401.45					
599	XS, S, M, L, XL		4.2	999	209.65	35	209.65					
599	XS, S, M, L, XL		4.4	999	239.6	40	239.6					
1499	30, 32, 34, 36		3.9	998	899.4	60	899.4					
1395	S, M, L, XL		3.7	998	809.1	58	809.1					
1098	XS, S, M, L, XL		4.3	997		53	581.94					
2749	28, 30, 32, 34,		3.5	996		53	1456.97					
2699	S, M, L, XL, XXL		4.4	996	1484.45	55	1484.45					
699	XS, S, M, L, XL,		4.1	996		53	370.47					
3399	S, M, L, XL, XXL		4.2	996	2379.3	70	2379.3					
2499	XS, S, M, L, XL		4.3	996	1249.5	50	1249.5					
799	XS, S, M, L, XL		4	996	479.4	60	479.4					
1099	39, 40, 42, 44		4.2	995	582.47	53	582.47					
1699	S, M, L, XL, XXL		4.2	995	1002.41	59	1002.41					

	K	L	M	N	O	P
1	Ratings	Reviews	Discount %	Discounted offer	Discount price	
2	3.9	999	45	674.55	824.45	
3	4	999	55	631.95	517.05	
4	4.3	999	55	769.45	629.55	
5	4.2	999	31	401.45	893.55	
6	4.2	999	35	209.65	389.35	
7	4.4	999	40	239.6	359.4	
8	3.9	998	60	899.4	599.6	
9	3.7	998	58	809.1	585.9	
10	4.3	997	53	581.94	516.06	
11	3.5	996	53	1456.97	1292.03	
12	4.4	996	55	1484.45	1214.55	
13	4.1	996	53	370.47	328.53	
14	4.2	996	70	2379.3	1019.7	
15	4.3	996	50	1249.5	1249.5	



## HERE WE HAVE CLEANED DATA IN EXCEL AND THERE IS NO NULL VALUES.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	URL	Product_id	BrandName	Category	Individual_category	category_by_Gender	Description	DiscountPrice (in Rs)	OriginalPrice (in Rs)	SizeOptions	Ratings	Review	Discount %	Discount offer	Discount price	
2	https://www.myntra.com	2296012	Roadster	Bottom Wear	jeans	Men	roadster men jeans	824	1499	28, 30, 32, 34	3.9	999	45	674	824	
3	https://www.myntra.com	13780156	LOCOMOTIVE	Bottom Wear	track-pants	Men	locomotive men track pants	517	1149	S, M, L, XL	4	999	55	631	517	
4	https://www.myntra.com	11895958	Roadster	Topwear	shirts	Men	roadster men shirts	629	1399	38, 40, 42, 44	4.3	999	55	769	630	
5	https://www.myntra.com	4335679	Zivame	Lingerie & Sleepwear	shapewear	Women	zivame women shapewear	893	1295	S, M, L, XL, XX	4.2	999	31	401	894	
6	https://www.myntra.com	11690882	Roadster	Western	tshirts	Women	roadster women white solid v neck t shirt	599	1599	XS, S, M, L, XL	4.2	999	35	209	389	
7	https://www.myntra.com	2490950	Mast & Harbour	Western	tops	Women	mast harbour women yellow solid top	599	1599	XS, S, M, L, XL	4.4	999	40	239	359	
8	https://www.myntra.com	6744434	HIGHLANDER	Bottom Wear	trousers	Men	highlander men trousers	599	1499	30, 32, 34, 36	3.9	998	60	899	600	
9	https://www.myntra.com	8439415	Mayra	Western	tops	Women	mayra pink embroidered a line pure top	1395	1395	S, M, L, XL	3.7	998	58	809	586	
10	https://www.myntra.com	17381394	Roadster	Western	tshirts	Women	roadster women pack of 2 solid t shirts	1098	1098	XS, S, M, L, XL	4.3	997	53	581	516	
11	https://www.myntra.com	2359257	HERE&NOW	Bottom Wear	jeans	Men	herenow men blue slim fit mid rise jeans	2749	2749	28, 30, 32, 34	3.5	996	53	1456	1292	
12	https://www.myntra.com	7695793	HRX by Hrithik	Sports Wear	tights	Men	hrx by hrithik tights	1214	2699	S, M, L, XL, XX	4.4	996	55	1484	1215	
13	https://www.myntra.com	10307375	Roadster	Topwear	tshirts	Men	roadster men navy blue white stripe t shirt	699	1699	XS, S, M, L, XL	4.1	996	53	370	329	
14	https://www.myntra.com	12873874	Anubhutee	Indian Wear	kurta-sets	Women	anubhutee women kurta sets	1019	3399	S, M, L, XL, XX	4.2	996	70	2379	1020	
15	https://www.myntra.com	11634538	Athena	Western	jumpsuit	Women	athena women black solid basic jumpsuit	2499	2499	XS, S, M, L, XL	4.3	996	50	1249	1250	
16	https://www.myntra.com	2312181	Roadster	Western	tshirts	Women	roadster women maroon solid round neck t shirt	799	799	XS, S, M, L, XL	4	996	60	479	320	
17	https://www.myntra.com	13842386	HIGHLANDER	Topwear	shirts	Men	highlander men shirts	516	1099	39, 40, 42, 44	4.2	995	53	582	517	
18	https://www.myntra.com	10473520	Vishudh	Indian Wear	kurtas	Women	vishudh women kurtas	696	1699	S, M, L, XL, XX	4.2	995	59	1002	697	
19	https://www.myntra.com	10561392	Sangria	Plus Size	kurta-sets	Women	sangria women green off white print kurta sets	3999	3999	XS, S, M, L, XL	4.3	995	61	2439	1560	
20	https://www.myntra.com	12391750	Tokyo Talkies	Western	trousers	Women	tokyo talkies women olive green regular fit trousers	2149	2149	28, 30, 32, 34	4.1	995	61	1310	838	
21	https://www.myntra.com	2522986	DressBerry	Western	tshirts	Women	dressberry women lovely olive typographic t shirts	999	999	XS, S, M, L, XL	4.3	995	75	749	250	
22	https://www.myntra.com	17385142	Roadster	Western	tshirts	Women	roadster women pack of 2 printed cotton t shirts	1298	1298	XS, S, M, L, XL	4.4	994	53	687	610	
23	https://www.myntra.com	12153330	Anouk	Indian Wear	kurtas	Women	anouk women kurtas	719	1599	XS, S, M, L, XL	3.8	993	55	879	720	
24	https://www.myntra.com	1864573	Enamor	Lingerie & Sleepwear	bras	Women	enamor black non wired removable bra	849	849	S, M, L, XL	4.2	993	44	373	475	
25	https://www.myntra.com	13205276	all about you	Western	shirts	Women	all about you women mauve stretchable shirts	1499	1499	XS, S, M, L, XL	4.2	993	50	749	750	
26	https://www.myntra.com	11535928	KASSUALLY	Western	tops	Women	kassually blue floral cinched waist tops	1299	1299	XS, S, M, L, XL	4.3	992	62	805	494	
27	https://www.myntra.com	6552977	RARE	Western	tops	Women	rare women maroon striped top	1299	1299	S, M, L, XL	4.2	991	57	740	559	
28	https://www.myntra.com	9476129	Zastraa	Western	trousers	Women	zastraa women maroon slim fit peg trousers	2699	2699	26, 28, 30, 32	4.1	991	70	1889	810	
29	https://www.myntra.com	2017530	WISSTLER	Western	shorts	Women	wisstler women navy pink chevron patterned shorts	899	899	26, 28, 30, 32	4	991	61	548	351	
30	https://www.myntra.com	11173948	Sangria	Plus Size	kurtas	Women	sangria women kurtas	359	899	XS, S, M, L, XL	4	990	60	539	360	
31	https://www.myntra.com	11118428	Roadster	Western	shorts	Women	roadster women blue solid regular fit shorts	1199	1199	26, 28, 30, 32	4.3	990	55	659	540	
32	https://www.myntra.com	17383362	Roadster	Western	tshirts	Women	roadster women green teal green patterned t shirts	1598	1598	L, M, S, XS, XL	4.2	990	50	799	799	
33	https://www.myntra.com	9971493	Vishudh	Western	dresses	Women	vishudh women navy blue green maxi dresses	2349	2349	S, M, L, XL, XX	4.4	990	65	1526	822	
34	https://www.myntra.com	7846797	Cottinfab	Western	jumpsuit	Women	cottinfab olive green solid cold shoulder jumpsuit	2449	2449	S, M, L, XL, XX	4.3	990	65	1591	857	
35	https://www.myntra.com	10771696	QUIERO	Western	jumpsuit	Women	quiero women maroon wrap detail jumpsuit	2959	2959	XS, S, M, L, XL	4.3	990	55	1627	1332	
36	https://www.myntra.com	10969948	Roadster	Western	tshirts	Women	roadster women rust pink white color block t shirts	899	899	XS, S, M, L, XL	4.1	990	60	539	360	
37	https://www.myntra.com	11938872	ELEVANTO	Lingerie & Sleepwear	bath-robe	Women	elevanto women bath robe	489	999	Onesize	4.2	989	51	509	490	
38	https://www.myntra.com	14154054	Tokyo Talkies	Western	track-pants	Women	tokyo talkies women black solid casual track pants	1199	1199	S, M, L, XL	4.3	989	49	587	611	
39	https://www.myntra.com	2477061	WROGN	Bottom Wear	jeans	Men	wrogn men jeans	1539	2799	28, 30, 32, 34	4	988	45	1259	1539	



## DATA ANALYSIS.

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

P	Q	R	S	T
	1621.55			

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

O	P	Q	R
Discount price	824	3752	
	517		

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

Count: 3344



**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."**

	M	N	O	P	Q	R	S
1	Discount %	Discount offer	Discount price	Column1			
2	45	674	824	Low Discount			
3	55	631	517	High Discount			
4	55	769	630	High Discount			
5	31	401	894	Low Discount			
6	35	209	389	Low Discount			
7	40	239	359	Low Discount			
8	60	899	600	High Discount			
9	58	809	586	High Discount			
0	53	581	516	High Discount			
1	53	1456	1292	High Discount			
2	55	1484	1215	High Discount			
3	53	370	329	High Discount			
4	70	2379	1020	High Discount			
5	50	1249	1250	High Discount			
6	60	479	320	High Discount			
7	53	582	517	High Discount			
8	59	1002	697	High Discount			
9	61	2439	1560	High Discount			
0	61	1310	838	High Discount			
1	75	749	250	High Discount			
2	53	687	610	High Discount			
3	55	879	720	High Discount			



# DATA RETRIEVAL AND LOOKUP

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.**

11226634								
Brand Name	Maniac	Sports Wear	tshirts	Men	maniac men blue teal green colourblocked round neck t shirt	467	1199	S, M, L, XL

O	P	Q	R	S	T
Discount price	Discount offer Greater than 50 %				
824	Low Discount			6744434	
517	High Discount				
630	High Discount			600	
894	Low Discount				

O	P	Q	R	S	T	U	V
Discount price	Discount offer Greater than 50 %						
824	Low Discount						
517	High Discount						
630	High Discount						
894	Low Discount						
389	Low Discount						



**This project aimed to analyze various aspects of apparel items on Myntra, such as pricing, discounts, ratings, and size availability. It involved three main stages: Data Cleaning and Preparation, Data Analysis, and Data Retrieval and Lookup.**

**THANK YOU**

