

# Data Analysis process includes:

- Asking questions
- Data Wrangling
  - Data gathering
  - Data Accessing
  - Data Cleaning and preparations
- EDA
- Coclusions
- Reporting
- Dashboarding through Data Visualisations tools like Power BI and Tableau

## Data Wrangling

- Surveys
- Webscrapping
- CSV
- DBMS
- Data Accesing Understanding Data
- Data Cleaning and Preprations: Cleaning tha data and preparing it for analysis

## Data Assessing

- In this step , we try to understand data deeply. Before cleaning the data and preparing it for analysis, we definitely need to know data better.

```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
import plotly.express as px
```

```
import warnings
warnings.filterwarnings('ignore')
```

```
df=pd.read_csv('BigBasket.csv')
```

```
df
```

	index	product \
0	1	Garlic Oil - Vegetarian Capsule 500 mg
1	2	Water Bottle - Orange
2	3	Brass Angle Deep - Plain, No.2
3	4	Cereal Flip Lid Container/Storage Jar - Assort...
4	5	Creme Soft Soap - For Hands & Body
...	...	...
27550	27551	Wottagirl! Perfume Spray - Heaven, Classic
27551	27552	Rosemary

27552	27553	Peri-Peri Sweet Potato Chips
27553	27554	Green Tea - Pure Original
27554	27555	United Dreams Go Far Deodorant

	category	sub_category \
0	Beauty & Hygiene	Hair Care
1	Kitchen, Garden & Pets	Storage & Accessories
2	Cleaning & Household	Pooja Needs
3	Cleaning & Household	Bins & Bathroom Ware
4	Beauty & Hygiene	Bath & Hand Wash
...	...	...
27550	Beauty & Hygiene	Fragrances & Deos
27551	Gourmet & World Food	Cooking & Baking Needs
27552	Gourmet & World Food	Snacks, Dry Fruits, Nuts
27553	Beverages	Tea
27554	Beauty & Hygiene	Men's Grooming

	brand	sale_price	market_price \
0	Sri Sri Ayurveda	220.00	220.0
1	Mastercook	180.00	180.0
2	Trm	119.00	250.0
3	Nakoda	149.00	176.0
4	Nivea	162.00	162.0
...	...	...	...
27550	Layerr	199.20	249.0
27551	Puramate	67.50	75.0
27552	FabBox	200.00	200.0
27553	Tetley	396.00	495.0
27554	United Colors Of Benetton	214.53	390.0

	type	rating \
0	Hair Oil & Serum	4.1
1	Water & Fridge Bottles	2.3
2	Lamp & Lamp Oil	3.4
3	Laundry, Storage Baskets	3.7
4	Bathing Bars & Soaps	4.4
...	...	...
27550	Perfume	3.9
27551	Herbs, Seasonings & Rubs	4.0
27552	Nachos & Chips	3.8
27553	Tea Bags	4.2
27554	Men's Deodorants	4.5

	description
0	This Product contains Garlic Oil that is known...
1	Each product is microwave safe (without lid), ...
2	A perfect gift for all occasions, be it your m...
3	Multipurpose container with an attractive desi...
4	Nivea Creme Soft Soap gives your skin the best...
...	...

```

27550  Layerr brings you Wottagirl Classic fragrant b...
27551  Puramate rosemary is enough to transform a dis...
27552  We have taken the richness of Sweet Potatoes (...
27553  Tetley Green Tea with its refreshing pure, ori...
27554  The new mens fragrance from the United Dreams ...

```

```
[27555 rows x 10 columns]
```

## Assessing Data

### What is big basket?

- BigBasket is an Indian online grocer headquartered in Bangalore, India, and currently owned by Tata Digital.[1] It was the first online grocer in India, set up in 2011. It is a registered company with the name Supermarket Grocery Supplies Pvt. Ltd.[10]
- As of January 2023, the company operates in more than 30 cities in India and processes around 15 million orders per month.[1]
- According to Bloomberg News, BigBasket is considering an initial public offering by 2025 as part of its growth plans

## About our dataset?

### columns brief

- index: unique identifier
- product: name of the product listed
- category: category of the product
- sub\_category: category is further broken down into subcategories
- brand: name of the company of the product
- sale\_price: on how much the item is sold
- market\_price: it holds the value of the maximum retail price
- type: type of product
- rating: aggregate rating given to the product
- description: description of our product

```
#seeking information from the data
df.info()
```

```

<class 'pandas.core.frame.DataFrame'>
RangeIndex: 27555 entries, 0 to 27554
Data columns (total 10 columns):
#   Column                Non-Null Count  Dtype
---  -
0   index                 27555 non-null  int64
1   product               27554 non-null  object
2   category              27555 non-null  object

```

```

3  sub_category  27555 non-null object
4  brand        27554 non-null object
5  sale_price   27549 non-null float64
6  market_price 27555 non-null float64
7  type         27555 non-null object
8  rating       18919 non-null float64
9  description   27440 non-null object
dtypes: float64(3), int64(1), object(6)
memory usage: 2.1+ MB

```

- It contains around 27555 rows
- It contains 10 columns in total
- It contains null values
- It contains 4 numerical columns and 6 object type (categorical or textual) columns
- It contains 3 float type columns, 1 int type column and 6 textual columns

*# seeking description of the dataset*

```
df.describe()
```

	index	sale_price	market_price	rating
count	27555.000000	27549.000000	27555.000000	18919.000000
mean	13778.000000	334.648391	382.056664	3.943295
std	7954.58767	1202.102113	581.730717	0.739217
min	1.000000	2.450000	3.000000	1.000000
25%	6889.500000	95.000000	100.000000	3.700000
50%	13778.000000	190.320000	220.000000	4.100000
75%	20666.500000	359.000000	425.000000	4.300000
max	27555.000000	112475.000000	12500.000000	5.000000

- It shows us all the numerical columns and their statistical summary
- By seeing count column, we can conclude that there are null values in sale\_price and rating
- By seeing the mean of sale\_price and market\_price we can see a very common relation, that sp can never be more than mp
- Information that there is huge difference between market\_price and sale\_price, sp std is about 2 times mrp std
  - which could mean more discounts are given or there could be outliers
- Min values are considerable except 1 in market\_price we will come back to that later
- Max values are considerable

## Data Cleaning or Preparations

- Types of Unclean Data
  - Dirty Data: data with quality issues. also known as low quality data. low quality data has content issues
    - Duplicated values
    - Missing Values

- Corrupt data
  - Inaccurate data
- Messy Data: structural issues. also known as untidy data.
- Tidy Data:
  - Each variable forms a column
  - Each observation forms a row
  - Each observation forms a table

to check which type of data

```
df.isnull().sum()
```

```
index          0
product        1
category       0
sub_category   0
brand          1
sale_price     6
market_price   0
type          0
rating        8636
description    115
dtype: int64
```

type of issues in dirty data

- Completeness :Completeness means making sure we have all the info we need in our data. We check for any missing pieces and either fill them by using estimates or get that missing info if possible. It is important because missing data can mess up our analysis and give us wrong estimations.
- Validity :Validity is about making sure our data is correct and makes sense. We check that it is up to date, accurate and fits with what we are trying to learn. Thus involves looking at things like data types , formats and ranges to see if they match what we are expecting
- Accuracy :Accuracy means that the data values we have are exact and right. We look for and fix any mistakes, wierd numbers or outliers in the data.
- Consistency :Consistency is about making sure our data is the same and make senses across different parts. We want everything to match up and be in harmony.

Order of severnity

- Quality Issues: null values
- Tideness
- Quality issues: validity
- Quality Issues: accuracy
- Quality Issues: consistency

Steps in data cleaning

- Define: This is when we figure out what's wrong in our data. We look for the things like missing pieces, or mistakes in the information.

- Code: Here, we write instructions to fix the problems we found earlier. We tell the computer what to do to clean up the data.
- Test: After we have cleaned the data , we check if everything worked correctly. We make sure the data is now good to use and doesn't have the issues we found before.

## Manual Assessing

```
# dealing with null values.
df.isnull().sum()
```

```
index          0
product        1
category       0
sub_category   0
brand          1
sale_price     6
market_price   0
type           0
rating        8636
description    115
dtype: int64
```

- Product has 1 null value
- Brand has 1 null value
- Sale\_price has 6 null values
- Rating has 8636 null values
- Description has 115 null values

```
#Total null values
df.isnull().sum().sum()
```

```
8759
```

```
df.sale_price
```

```
0      220.00
1      180.00
2      119.00
3      149.00
4      162.00
```

```
...
27550   199.20
27551    67.50
27552   200.00
27553   396.00
27554   214.53
```

```
Name: sale_price, Length: 27555, dtype: float64
```

```
df[df.sale_price.isnull()]
```

	index	product \
1719	1720	Puja Flower Wicks - Puvvu Vathulu Batti
1720	1721	Powder - Sambar
1721	1722	Steel Fork - Medium, Premium Excel Series, BBCL08
1722	1723	Snack Mix - Dhokla
2401	2402	Battery AA 3UT Hi Top
2402	2403	Klassic Plain Cocktail Napkins (22 X 22 cm)

	category	sub_category	brand \
1719	Cleaning & Household	Pooja Needs	Jaji
1720	Foodgrains, Oil & Masala	Masalas & Spices	Annapoorna
1721	Kitchen, Garden & Pets	Crockery & Cutlery	BB Home
1722	Snacks & Branded Foods	Ready To Cook & Eat	MTR
2401	Kitchen, Garden & Pets	Appliances & Electricals	Nippo
2402	Cleaning & Household	Disposables, Garbage Bag	Origami

	sale_price	market_price	type	rating \
1719	NaN	20.0	Camphor & Wicks	NaN
1720	NaN	46.0	Blended Masalas	NaN
1721	NaN	299.0	Cutlery, Spoon & Fork	NaN
1722	NaN	65.0	Breakfast & Snack Mixes	4.1
2401	NaN	150.0	Battery & Electrical	4.0
2402	NaN	32.0	Toilet Paper	3.9

	description
1719	Jaji Puja Flower Batti / Puvvu Vathulu is made...
1720	Annaporna Spices are the preserve for Connoiss...
1721	BB Home provides fine and classy cutlery that ...
1722	MTR Dhokla is extremely special in Gujarat. It...
2401	This Nippo battery incorporates state-of-the-a...
2402	Klassic Plain Cocktail Napkins (22 X 22 cm) 10...

```
df.sale_price.fillna(df.market_price,inplace=True)
```

```
df.sale_price.isnull().sum()
```

```
0
```

- Sale\_price is free of null values

```
# Working on null values of Product
```

```
df['product'].isnull().sum()
```

1

```
df[df['product'].isnull()]
```

	index	product	category	sub_category	brand
sale_price \					
14363	14364	NaN	Beverages	Coffee	Cothas Coffee
200.0					

	market_price	type	rating \
14363	240.0	Ground Coffee	4.2

		description
14363	Cothas Specialty Blend Coffee and Chicory incl...	

*#Filling Null value*

```
df['product'].fillna('Coffee',inplace=True)
```

```
df['product'].isnull().sum()
```

0

```
df.isnull().sum()
```

index	0
product	0
category	0
sub_category	0
brand	1
sale_price	0
market_price	0
type	0
rating	8636
description	115
dtype: int64	

```
df[df.brand.isnull()]
```

	index	product	category \
9765	9766	Food Package - Medium	Cleaning & Household

	sub_category	brand	sale_price	market_price \
9765	Disposables, Garbage Bag	NaN	50.0	50.0

	type	rating	description
9765	Aluminium Foil, Clingwrap	NaN	NaN

*#code*

```
df.brand.fillna('Unknown',inplace=True)
```



```
#test
df.brand.isnull().sum()

0
```

*#working on null values of Rating column*

```
df[df.rating.isnull()]
```

	index	product \		
55	56	Soothing Cucumber Facial Scrub With Apricot Seeds		
59	60	Corporate Planner Diary With Premium PU Leathe...		
65	66	Ayurvedic Anti-Tan Face Pack		
68	69	Organic Carom Seeds/Ajwain/0m Kalu		
69	70	Padded Harness - 3/4 inch, Grey Colour		
...	...	...		
27509	27510	Deluxe Crackers - Veg		
27511	27512	Specialist Stain Remover Pen & Marker		
27514	27515	Verge & Sheer Perfume For Pair		
27530	27531	Tick'et to Fleadom Dry Shampoo For Dogs		
27531	27532	Vanilla Ice Cream		
	category	sub_category		
brand \				
55	Beauty & Hygiene	Skin Care		
TJORI				
59	Cleaning & Household	Stationery		
Prozo				
65	Beauty & Hygiene	Skin Care		
TJORI				
68	Foodgrains, Oil & Masala	Masalas & Spices		
Earthon				
69	Kitchen, Garden & Pets	Pet Food & Accessories		
Glenand				
...	...	...		
.				
27509	Gourmet & World Food	Chocolates & Biscuits		
Kerk				
27511	Cleaning & Household	All Purpose Cleaners		
365				
27514	Beauty & Hygiene	Fragrances & Deos		
Skin by				
Titan				
27530	Kitchen, Garden & Pets	Pet Food & Accessories		
Captain				
Zack				
27531	Gourmet & World Food	Dairy & Cheese		
Haagen-Dazs				
	sale_price	market_price	type	rating \
55	299.4	499.0	Face Care	NaN
59	399.0	399.0	Notebooks, Files, Folders	NaN

65	269.4	449.0	Face Care	NaN
68	72.0	72.0	Whole Spices	NaN
69	840.0	840.0	Pet Collars & Leashes	NaN
...	...	...	...	...
27509	150.0	150.0	Cookies, Biscotti, Wafer	NaN
27511	449.0	449.0	Imported Cleaners	NaN
27514	1615.5	1795.0	Perfume	NaN
27530	99.0	99.0	Pet Cleaning & Grooming	NaN
27531	225.0	225.0	Gourmet Ice Cream	NaN

			description	
55	The soothing feel of cucumber meets the gentle...			
59	A5 Size (210x150mm) \n192 Pages Premium Natura...			
65	A nourishing face pack that removes tan and br...			
68	Earthon's Ajwain is Best quality, organically ...			
69	These are soft padded harness for your active ...			
...	...			
27509	Kerk Biscuits-has been a household name synony...			
27511	Mightier than the pen. The pen may be mightier...			
27514	VERGE for men paints a picture of a classy out...			
27530	1) No Rinse Defence Against Ticks and Fleas: C...			
27531	Some things are so good in their simplest form...			

[8636 rows x 10 columns]

df.rating.value\_counts()

rating	
4.2	2249
4.3	2138
4.0	2089
4.1	1767
5.0	1407
4.4	1037
3.9	932
3.8	866
4.5	797
3.0	684
3.7	672
3.5	535
3.6	447
3.3	400
1.0	387
4.6	322
3.4	303
4.7	287
2.0	237
4.8	199
3.2	181
3.1	163

2.5	132
2.8	125
2.7	116
2.3	94
2.9	79
2.6	58
4.9	53
1.5	32
2.4	29
2.2	24
1.8	22
1.7	22
2.1	10
1.3	9
1.4	6
1.9	4
1.6	3
1.2	2

Name: count, dtype: int64

*#define*

*#code*

df.rating.fillna(0,inplace=True)

*#test*

df.rating.isnull().sum()

0

*# Working on description column*

df.description.isnull().sum()

115

df[df.description.isnull()]

	index	product \
288	289	Arrabbiata Tomato Pasta Sauce With Chilli
480	481	Pumice Stone & Emery Foot Filer - FFL3407, Col...
780	781	Peanut Butter - Chunky
845	846	Squash - Sarasaparilla/Nannari/Sugandhi Root
1047	1048	Natura Rice & Walnut Drink, Vegan
...	...	...
25510	25511	BBPopular Almond/Badam Californian 500gm + BBR...
25583	25584	Chai/Chai/Tea/ Coffee Bone China Microwave Ser...
26116	26117	Tea Strainer - Stainless Steel, Medium
26835	26836	Cold Pressed Virgin Groundnut Oil
27303	27304	Zipper Storage - Gallon

brand \	category	sub_category		
288 Montanini	Gourmet & World Food	Sauces, Spreads & Dips		
480 Kaiv	Beauty & Hygiene	Bath & Hand Wash		
780 Garden	Gourmet & World Food	Sauces, Spreads & Dips	American	
845 NaturoBell	Beverages	Fruit Juices & Drinks		
1047 BORGES	Gourmet & World Food	Drinks & Beverages		
...	...	...		
...				
25510 Combo	Foodgrains, Oil & Masala	Dry Fruits	bb	
25583 Bharat	Kitchen, Garden & Pets	Crockery & Cutlery	BP	
26116 Ritu	Kitchen, Garden & Pets	Kitchen Accessories		
26835 Chekko	Foodgrains, Oil & Masala	Edible Oils & Ghee		
27303 Glad	Cleaning & Household	Disposables, Garbage Bag		
description	sale_price	market_price	type	rating
288 NaN	22325.00	325.0	Mustard & Cheese Sauces	5.0
480 NaN	175.00	175.0	Bathing Accessories	3.8
780 NaN	299.00	299.0	Chocolate, Peanut Spread	4.1
845 NaN	140.00	140.0	Syrups & Concentrates	2.5
1047 NaN	275.01	349.0	Health Drinks	4.5
...	...	...	...	...
...				
25510 NaN	443.00	725.0	Almonds	0.0
25583 NaN	269.00	373.0	Cups, Mugs & Tumblers	2.5
26116 NaN	99.00	135.0	Strainer, Ladle, Spatula	4.3
26835 NaN	325.00	325.0	Groundnut Oil	4.2
27303 NaN	350.00	350.0	Aluminium Foil, Clingwrap	4.7

```
[115 rows x 10 columns]
```

```
#code
```

```
df.description.fillna('No description',inplace=True)
```

```
#test
```

```
df.description.isnull().sum()
```

```
0
```

Whole Dataset is free of null values

Working on Duplicates

```
df.duplicated().sum()
```

```
0
```

- No duplicated values

```
# Validity
```

Working on Accuracy

- Outliers
- Wrong Entries

```
# Checking Outliers
```

```
df[df.sale_price>df.market_price]
```

	index	product \
248	249	4mm Aluminium Induction Base Chapati Roti Tawa...
288	289	Arrabbiata Tomato Pasta Sauce With Chilli
412	413	Original Care Lip Balm For 24h Moisture With S...
436	437	Balloon - Polka Dot, 12 Inch
1249	1250	Beard Kit

	category	sub_category	brand
sale_price \			
248	Kitchen, Garden & Pets	Cookware & Non Stick	HAZEL
111649.0			
288	Gourmet & World Food	Sauces, Spreads & Dips	Montanini
22325.0			
412	Beauty & Hygiene	Skin Care	Nivea
1114.8			
436	Cleaning & Household	Party & Festive Needs	B Vishal
88899.0			
1249	Beauty & Hygiene	Men's Grooming	Uncle Tony
112475.0			

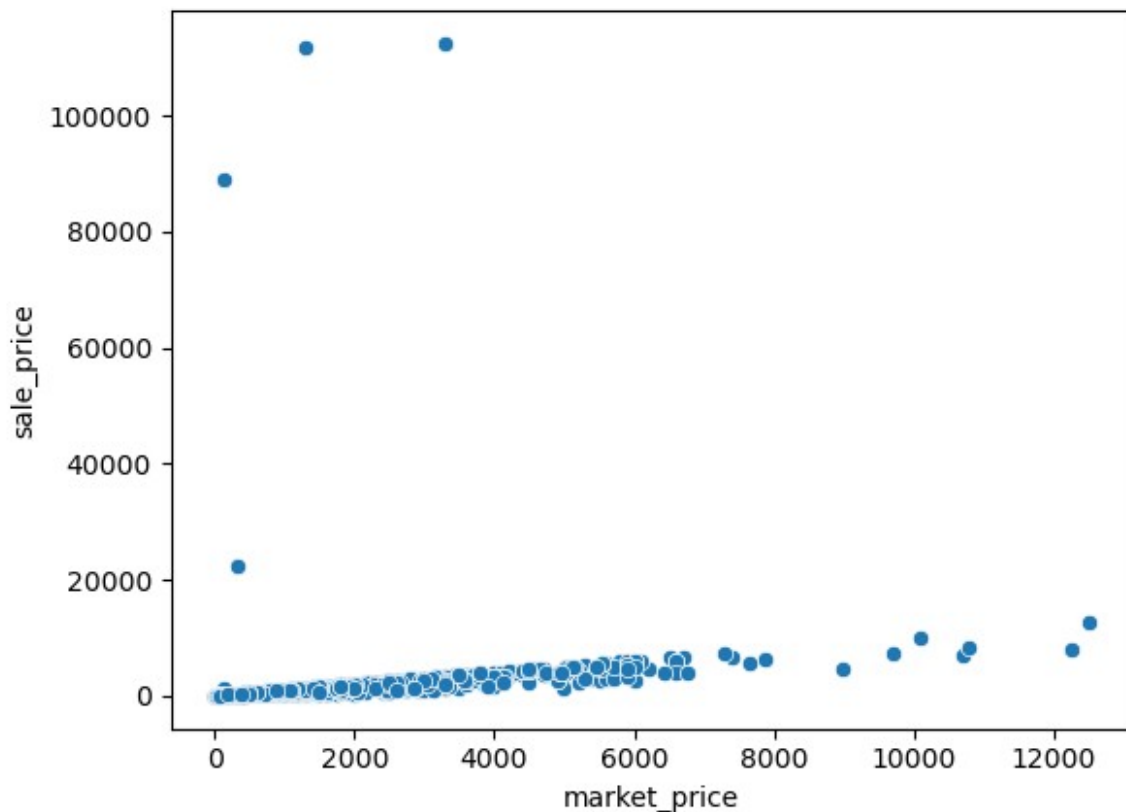
market_price	type	rating \
--------------	------	----------

248	1289.0	Tawa & Sauce Pan	0.0
288	325.0	Mustard & Cheese Sauces	5.0
412	140.0	Lip Care	4.3
436	129.0	Caps, Balloons & Candles	3.9
1249	3300.0	Combos & Gift Sets	0.0

	description
248	Hazel Aluminium Tawa has an ergonomic design f...
288	No description
412	Nivea Original Care Lip Blam nourishes lips in...
436	Whether it is a party in the office, a Christm...
1249	The combination of a beard oil, a beard wash, ...

```
sns.scatterplot(data=df,y='sale_price',x='market_price')
```

```
<Axes: xlabel='market_price', ylabel='sale_price'>
```



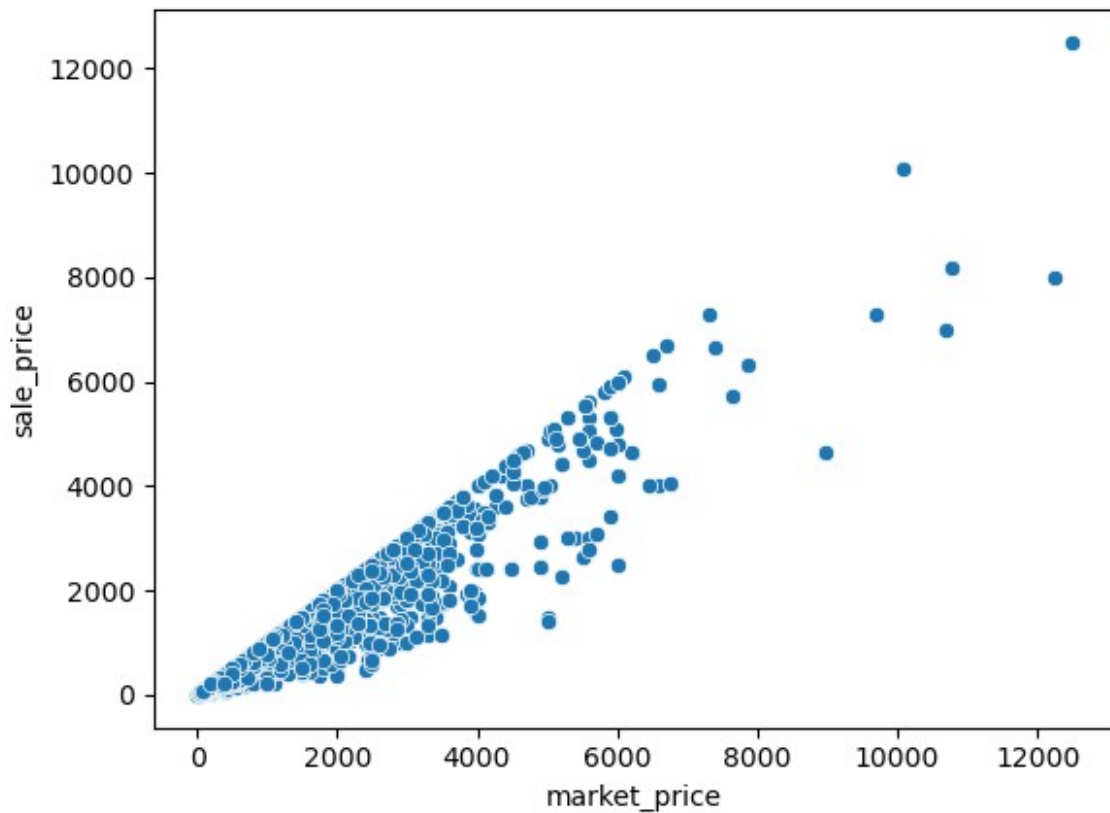
```
df.sale_price.std()
```

```
1201.9769904246652
```

```
df.sale_price = np.where(df.sale_price > df.market_price,
df.market_price, df.sale_price)
```

```
sns.scatterplot(data = df,y = "sale_price", x = "market_price")
```

```
<Axes: xlabel='market_price', ylabel='sale_price'>
```



```
df[df.market_price > 9000]
```

index	product \
1056	1057 Gas Stove-3 Burner Royale Plus Schott Glass, B...
12669	12670 Epilator SE9-9961 Legs-Body-Face
21761	21762 Pet Food - N&D Team Breeder Puppy Top Farmina
23082	23083 Gas Stove-4 Burner Royale Plus Schott Glass, B...
25301	25302 Bravura Clipper
25797	25798 4 Burner Gas Stove - Marvel Plus Glass Tables,...

category	sub_category	brand
Kitchen, Garden & Pets	Cookware & Non Stick	Prestige
Beauty & Hygiene	Feminine Hygiene	Braun
Kitchen, Garden & Pets	Pet Food & Accessories	Farmina
Kitchen, Garden & Pets	Cookware & Non Stick	Prestige
Kitchen, Garden & Pets	Pet Food & Accessories	Wahl

```
25797 Kitchen, Garden & Pets    Cookware & Non Stick  Prestige
7270.00
```

	market_price	type	rating	\
1056	10695.0	Gas Stove	0.0	
12669	10769.0	Hair Removal	0.0	
21761	10090.0	Pet Meals & Treats	0.0	
23082	12245.0	Gas Stove	0.0	
25301	12500.0	Pet Cleaning & Grooming	0.0	
25797	9695.0	Gas Stove	0.0	

	description
1056	Prestige Royale Plus Gas Stove. Add a Touch of...
12669	This cordless epilator has a sonic exfoliation...
21761	Dog Food Adult Health Nutritional Dog Food.
23082	Prestige Royale Plus Gas Stove. Add a Touch of...
25301	The bravura clipper is a must-have clipper for...
25797	Prestige Marvel Plus Gas Stove . A Smart and C...

```
df.describe()
```

	index	sale_price	market_price	rating
count	27555.000000	27555.000000	27555.000000	27555.000000
mean	13778.000000	322.575240	382.056664	2.707429
std	7954.58767	486.449966	581.730717	1.929072
min	1.000000	2.450000	3.000000	0.000000
25%	6889.500000	95.000000	100.000000	0.000000
50%	13778.000000	190.000000	220.000000	3.800000
75%	20666.500000	359.000000	425.000000	4.200000
max	27555.000000	12500.000000	12500.000000	5.000000

```
df.type.value_counts()
```

```
type
Face Care          1508
Ayurveda           538
Men's Deodorants   500
Shampoo & Conditioner 461
Glassware          415
...
Bagels & Baguette   1
Roses               1
Marinated Meat     1
Organic Eggs       1
Turkey & Duck      1
Name: count, Length: 426, dtype: int64
```

Deleting Extra Columns

```
df=df.drop("index",axis = 1 )
```



df

	product \
0	Garlic Oil - Vegetarian Capsule 500 mg
1	Water Bottle - Orange
2	Brass Angle Deep - Plain, No.2
3	Cereal Flip Lid Container/Storage Jar - Assort...
4	Creme Soft Soap - For Hands & Body
...	...
27550	Wottagirl! Perfume Spray - Heaven, Classic
27551	Rosemary
27552	Peri-Peri Sweet Potato Chips
27553	Green Tea - Pure Original
27554	United Dreams Go Far Deodorant

	category	sub_category \
0	Beauty & Hygiene	Hair Care
1	Kitchen, Garden & Pets	Storage & Accessories
2	Cleaning & Household	Pooja Needs
3	Cleaning & Household	Bins & Bathroom Ware
4	Beauty & Hygiene	Bath & Hand Wash
...	...	...
27550	Beauty & Hygiene	Fragrances & Deos
27551	Gourmet & World Food	Cooking & Baking Needs
27552	Gourmet & World Food	Snacks, Dry Fruits, Nuts
27553	Beverages	Tea
27554	Beauty & Hygiene	Men's Grooming

	brand	sale_price	market_price \
0	Sri Sri Ayurveda	220.00	220.0
1	Mastercook	180.00	180.0
2	Trm	119.00	250.0
3	Nakoda	149.00	176.0
4	Nivea	162.00	162.0
...	...	...	...
27550	Layerr	199.20	249.0
27551	Puramate	67.50	75.0
27552	FabBox	200.00	200.0
27553	Tetley	396.00	495.0
27554	United Colors Of Benetton	214.53	390.0

	type	rating \
0	Hair Oil & Serum	4.1
1	Water & Fridge Bottles	2.3
2	Lamp & Lamp Oil	3.4
3	Laundry, Storage Baskets	3.7
4	Bathing Bars & Soaps	4.4
...	...	...
27550	Perfume	3.9
27551	Herbs, Seasonings & Rubs	4.0

27552	Nachos & Chips	3.8
27553	Tea Bags	4.2
27554	Men's Deodorants	4.5

```

description
0      This Product contains Garlic Oil that is known...
1      Each product is microwave safe (without lid), ...
2      A perfect gift for all occasions, be it your m...
3      Multipurpose container with an attractive desi...
4      Nivea Creme Soft Soap gives your skin the best...
...
27550  Layerr brings you Wottagirl Classic fragrant b...
27551  Puramate rosemary is enough to transform a dis...
27552  We have taken the richness of Sweet Potatoes (...
27553  Tetley Green Tea with its refreshing pure, ori...
27554  The new mens fragrance from the United Dreams ...

```

[27555 rows x 9 columns]

Saving Copy of Dataset

```
df.to_csv("BigBasket_Clean.csv", index=False)
```