

```

SELECT * FROM Products

---Get the number of different category IDs in the table.
SELECT COUNT(DISTINCT Category_ID) as num_of_category FROM Products

---Get the number of different Brands in the table.
SELECT COUNT(DISTINCT Brand) as num_of_Brands FROM Products

---Get the number of different types in the table.
SELECT COUNT(DISTINCT Type) as num_of_Types FROM Products

---Get the number of different sub categories in the table.
SELECT COUNT(DISTINCT Sub_Category) as num_of_Sub_Category FROM Products

---Get the Average of sale price for entire table.
SELECT AVG(Sale_Price) FROM Products

---Get the Average of Sale Price of products of each brand.
SELECT Brand, AVG(Sale_Price) as avg FROM Products
GROUP BY Brand;

---Get the Maximum Market Price of products for each Type.
SELECT Type, MAX(Market_Price) as Max FROM Products
GROUP BY Type;

---Get the Minimum sale price of products for each Sub Category.
SELECT Sub_Category, MIN(Sale_Price) as Min FROM Products
GROUP BY Sub_Category;

---Get the Average Market Price Across combinations of each brand and type.
SELECT Brand, Type, AVG(Market_Price) as avg FROM Products
GROUP BY Brand, Type;

---Get the Count of products under each category.
SELECT Category_ID, COUNT(*) as count FROM Products
GROUP BY Category_ID;

---Get the count of Products under each Brand.
SELECT Brand, COUNT(*) as count FROM Products
GROUP BY Brand;

---Get the Average of SUM of sale price and market price for each sub category.
SELECT Sub_Category, AVG(SUM(Sale_Price) as sum_Sale_Category, SUM(Market_Price) as
sum_Market_Category)) as Avg FROM Products
GROUP BY Sub_Category;

SELECT Sub_Category , AVG(SUM(Sale_Price),SUM(Market_Price)) as Avg FROM Products
GROUP BY Sub_Category;

```

SQLQuery1.sql - LAPTOP-50CBL282\SQLEXPRESS\Masai (LAPTOP-50CBL282\RAJ (60)) - Microsoft SQL Server Management Studio

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SQLQuery1.sql - LA_50CBL282\RAJ (60)*

```
SELECT * FROM Products

---Get the number of different category IDs in the table.
SELECT COUNT(DISTINCT Category_ID) as num_of_category FROM Products
```

100 %

Results Messages

	num_of_category
1	11

Query executed successfully. LAPTOP-50CBL282\SQLEXPRESS ... LAPTOP-50CBL282\RAJ (60) Masai 00:00:00 1 rows

Ready Type here to search

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SQLQuery1.sql - LA_50CBL282\RAJ (60)*

```
SELECT * FROM Products

---Get the number of different category IDs in the table.
SELECT COUNT(DISTINCT Category_ID) as num_of_category FROM Products

---Get the number of different Brands in the table.
SELECT COUNT(DISTINCT Brand) as num_of_Brands FROM Products
```

100 %

Results Messages

	num_of_Brands
1	2244

Query executed successfully. LAPTOP-50CBL282\SQLEXPRESS ... LAPTOP-50CBL282\RAJ (60) Masai 00:00:00 1 rows

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SQLQuery1.sql - LA_50CBL282\RAJ (60)*

```
SELECT * FROM Products

---Get the number of different category IDs in the table.
SELECT COUNT(DISTINCT Category_ID) as num_of_category FROM Products

---Get the number of different Brands in the table.
SELECT COUNT(DISTINCT Brand) as num_of_Brands FROM Products

---Get the number of different types in the table.
SELECT COUNT(DISTINCT Type) as num_of_Types FROM Products
```

100 %

Results Messages

	num_of_Types
1	424

Query executed successfully.

Ready

Type here to search

Ln 10 Col 1 Ch 1 INS 30°C 9/11/2022 3:04 PM

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SQLQuery1.sql - LA_50CBL282\RAJ (60)*

```
SELECT COUNT(DISTINCT Category_ID) as num_of_category FROM Products

---Get the number of different Brands in the table.
SELECT COUNT(DISTINCT Brand) as num_of_Brands FROM Products

---Get the number of different types in the table.
SELECT COUNT(DISTINCT Type) as num_of_Types FROM Products

---Get the number of different sub categories in the table.
SELECT COUNT(DISTINCT Sub_Category) as num_of_Sub_Category FROM Products
```

100 %

Results Messages

	num_of_Sub_Category
1	90

Query executed successfully.

Ready

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Ln 13 Col 1 Ch 1 INS 30°C 9/11/2022 3:06 PM

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SQLQuery1.sql - LA_50CBL282\RAJ (60)*

```

SELECT * FROM Products

---Get the number of different category IDs in the table.
SELECT COUNT(DISTINCT Category_ID) as num_of_category FROM Products

---Get the number of different Brands in the table.
SELECT COUNT(DISTINCT Brand) as num_of_Brands FROM Products

---Get the number of different types in the table.
SELECT COUNT(DISTINCT Type) as num_of_Types FROM Products

---Get the number of different sub categories in the table.
SELECT COUNT(DISTINCT Sub_Category) as num_of_Sub_Category FROM Products

---Get the Average of sale price for entire table.
SELECT AVG(Sale_Price) FROM Products

```

Results

(No column name)

1	326
---	-----

Query executed successfully.

LAPTOP-50CBL282\SQLEXPRESS ... LAPTOP-50CBL282\RAJ (60) Masai 00:00:00 1 rows

Ready

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Ln 16 Col 1 Ch 1 INS

30°C 3:09 PM 9/11/2022

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SQLQuery1.sql - LA_50CBL282\RAJ (60)*

```

SELECT COUNT(DISTINCT Brand) as num_of_Brands FROM Products

---Get the number of different types in the table.
SELECT COUNT(DISTINCT Type) as num_of_Types FROM Products

---Get the number of different sub categories in the table.
SELECT COUNT(DISTINCT Sub_Category) as num_of_Sub_Category FROM Products

---Get the Average of sale price for entire table.
SELECT AVG(Sale_Price) FROM Products

---Get the Average of Sale Price of products of each brand.
SELECT Brand, AVG(Sale_Price) as avg FROM Products
GROUP BY Brand

```

Results

	Brand	avg
1	PRISTINE	136
2	Kores	36
3	e-millet	30
4	United	1674
5	Dolpin	400
6	GOELD	67
7	Chappi	1116
8	Mantra	70
9	Happy Jara	315
10	Casaarunco	179
11	Ma Nomo	199
12	McCain	164
13	Paakia	90
14	Mackara	360
15	Goodluck	59
16	Maharishi Ayurveda	218
17	MAGGI	108

Query executed successfully.

LAPTOP-50CBL282\SQLEXPRESS ... LAPTOP-50CBL282\RAJ (60) Masai 00:00:00 2,244 rows

Ready

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Ln 18 Col 1 Ch 1 INS

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SQLQuery1.sql - LA_50CBL282\RAJ (60)*

```

SELECT COUNT(DISTINCT Sub_Category) as num_of_Sub_Category FROM Products

---Get the Average of sale price for entire table.
SELECT AVG(Sale_Price) FROM Products

---Get the Average of Sale Price of products of each brand.
SELECT Brand, AVG(Sale_Price) as avg FROM Products
GROUP BY Brand;

---Get the Maximum Market Price of products for each Type.
SELECT Type, MAX(Market_Price) as Max FROM Products
GROUP BY Type;

```

100 %

Results Messages

Type	Max
1	Organic Data & Pulses
2	Apples & Pomegranate
3	Frozen Indian Breads
4	Other Veg Pickle
5	Steel Lunch Boxes
6	Baby Bath
7	Gourmet Juices & Drinks
8	Disposable Cups & Plates
9	Cloth Dryer & Iron Table
10	Kitchen, Glass & Drain
11	Curry Paste, Coconut Milk
12	Milk & Soya Drinks
13	Men's Deodorants
14	Mosquito Repellent
15	Lips
16	Pongis Thali & Bells
17	Penner, Tels & Cream

Query executed successfully.

LAPTOP-50CBL282\SQLEXPRESS ... LAPTOP-50CBL282\RAJ (60) Masai 00:00:00 424 rows

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```

---Get the Maximum Market Price of products for each Type.
SELECT Type, MAX(Market_Price) as Max FROM Products
GROUP BY Type;

---Get the Minimum sale price of products for each Sub Category.
SELECT Sub_Category, MIN(Sale_Price) as Min FROM Products
GROUP BY Sub_Category;

```

100 %

Results Messages

Sub_Category	Min
1	Dairy & Cheese
2	Crockery & Cutlery
3	Cookware & Non Stick
4	Baby Food & Formula
5	Bakery Snacks
6	Kitchen Accessories
7	Coffee
8	Mutton & Lamb
9	Detergents & Dishwash
10	Feminine Hygiene
11	Cereals & Breakfast
12	Health & Medicine
13	Non Dairy
14	Water
15	Disposables, Garbage Bag
16	Fruit Juices & Drinks
17	Fresh Fruits

Query executed successfully.

LAPTOP-50CBL282\SQLEXPRESS ... LAPTOP-50CBL282\RAJ (60) Masai 00:00:00 90 rows

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```

---Get the Maximum Market Price of products for each Type.
SELECT Type, MAX(Market Price) as Max FROM Products
GROUP BY Type;

---Get the Minimum sale price of products for each Sub Category.
SELECT Sub_Category, MIN(Sale Price) as Min FROM Products
GROUP BY Sub_Category;

---Get the Average Market Price Across combinations of each brand and type.
SELECT Brand, Type, AVG(Market Price) as avg FROM Products
GROUP BY Brand, Type;

```

Results

Brand	Type	avg
1	Diaper	599
2	Doctor's Choice	550
3	Friends	658
4	Kare In	449
5	Kare Med	525
6	Life	490
7	Sani	1145
8	Elephant House	65
9	Evian	200
10	FIESTA	315
11	HELL	50
12	Penier	275
13	Sakuraheeh	1342
14	Swami	85
15	Toyo Kombucha	122
16	Valentino	325
17	Zok	50

Query executed successfully.

LAPTOP-50CBL282\SQLEXPRESS ... LAPTOP-50CBL282\RAJ (60) Masai 00:00:00 5,307 rows

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SQLQuery1.sql - LA_50CBL282\RAJ (60)

```

---Get the Minimum sale price of products for each Sub Category.
SELECT Sub_Category, MIN(Sale Price) as Min FROM Products
GROUP BY Sub_Category;

---Get the Average Market Price Across combinations of each brand and type.
SELECT Brand, Type, AVG(Market Price) as avg FROM Products
GROUP BY Brand, Type;

---Get the Count of products under each category.
SELECT Category_ID, COUNT(*) as count FROM Products
GROUP BY Category_ID;

```

Results

Category_ID	count
1	2266
2	725
3	3970
4	334
5	2884
6	505
7	160
8	6160
9	2047
10	709
11	2328

Query executed successfully.

LAPTOP-50CBL282\SQLEXPRESS ... LAPTOP-50CBL282\RAJ (60) Masai 00:00:00 11 rows

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SQLQuery1.sql - LA_50CBL282\RAJ (60)*

```
---Get the Minimum sale price of products for each Sub Category.
SELECT Sub_Category, MIN(Sale_Price) as Min FROM Products
GROUP BY Sub_Category;

---Get the Average Market Price Across combinations of each brand and type.
SELECT Brand, Type, AVG(Market_Price) as avg FROM Products
GROUP BY Brand, Type;

---Get the Count of products under each category.
SELECT Category_ID, COUNT(*) as count FROM Products
GROUP BY Category_ID;

---Get the count of Products under each Brand.
SELECT Brand, COUNT(*) as count FROM Products
GROUP BY Brand;
```

100 %

Results Messages

Brand	count
1 PRISTINE	41
2 Kores	3
3 e-millet	1
4 United	6
5 Dolpin	1
6 GOELD	12
7 Chiappi	1
8 Mantra	9
9 Happy Jars	7
10 Casasunco	6
11 Mi Nomo	1
12 McCain	7
13 Paaka	1
14 Mackays	12
15 Goodluck	1
16 Maharshi Ayurveda	15
17 MAGGI	23

Query executed successfully.

LAPTOP-50CBL282\SQLEXPRESS ... LAPTOP-50CBL282\RAJ (60) Masai 00:00:00 2,244 rows

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