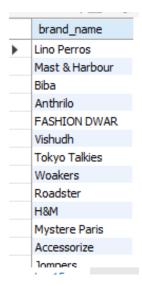
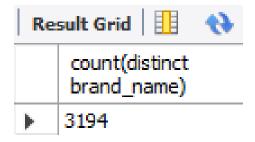
GROUP BY ASSIGNMENT

ANSWERS & OUTPUT

Finding the names of unique brands
 sql>> select distinct brand_name from myntra;



2. Finding the number of unique brandssql>> select count(distinct brand_name) from myntra;

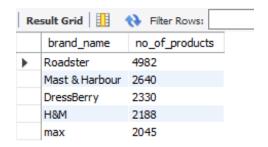


3. Finding the number of products in each brands sql>> select brand_name, count(product_tag) as no_of_products from myntra group by brand_name;

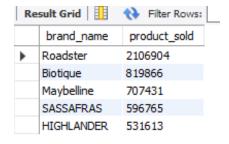
Result Grid				
	brand_name	no_of_products		
•	Lino Perros	260		
	Mast & Harbour	2640		
	Biba	815		
	Anthrilo	122		
	FASHION DWAR	1		
	Vishudh	1040		
	Tokyo Talkies	1505		
	Woakers	70		
	Roadster	4982		
	H&M	2188		
	Mystere Paris	55		
	Accessorize	231		
	lomners	183		

4. Finding the top 5 brand who has the most number of products

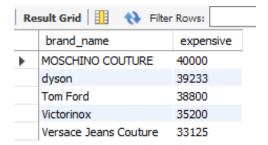
sql>> select brand_name, count(product_tag) as no_ot_products from myntra group by brand_name order by no_of_products desc limit 5;



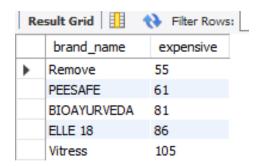
5. Finding the top 5 brand who sold the most number of products sql>> select brand_name, sum(rating_count) as 'product_sold' from myntra group by brand_name order by product_sold desc limit 5;



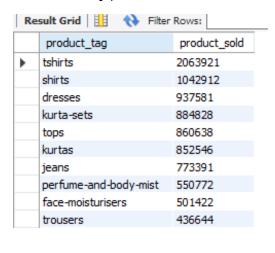
6. Finding the top 5 most expensive brands based on their discounted price sql>> select brand_name, round(avg(discounted_price),0) as expensive from myntra group by brand_name order by expensive desc limit 5;



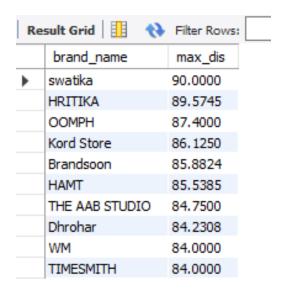
sql>> select brand_name, round(avg(discounted_price),U) as expensive from myntra group by brand_name order by expensive limit 5;



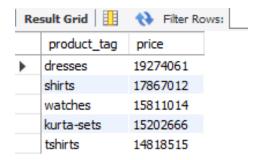
8. Finding the top 10 best-selling product categories sql>> select product_tag, sum(rating_count) as 'product_sold' from myntra group by product_tag order by product_sold desc limit 10;



9. Finding the top 10 brands who gives maximum discount sql>> select brand_name ,avg(discount_percent) as 'max_dis' from myntra group by brand_name order by max_dis desc limit 10;

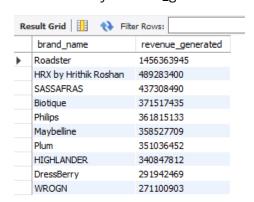


10. Finding the top 5 most expensive product categories sql>> select product_tag, sum(discounted_price) as 'price' from myntra group by product_tag order by price desc limit 5;



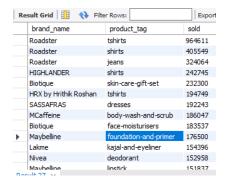
Brand Report Card

Find top 10 brands with max revenue generated
 sql>> select brand_name, round(sum(discounted_price*rating_count)) as revenue_generated
 from myntra group by brand_name
 order by revenue_generated desc limit 10;



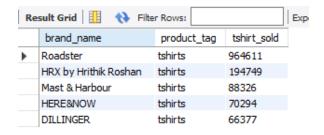
2. Which product_category of any brand is sold the most? sql>> select brand_name,product_tag, sum(rating_count) as 'sold' from myntra group by brand_name, product_tag

order by sold desc;



3. List top 5 brands which has sold most number of tshirts

sql>> select brand_name , product_tag, sum(rating_count) as 'tshirt_sold'
from myntra where product_tag ='tshirts'
group by brand_name
order by tshirt_sold desc limit 5;



4. List top 5 brands which has sold most number of shirtssql>> select brand_name , product_tag, sum(rating_count) as 'shirts_sold'

from myntra where product_tag ='shirts'

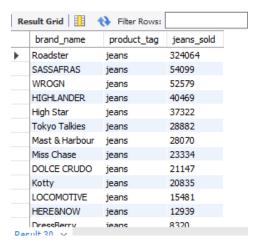
group by brand_name

order by shirts_sold desc limit 5;

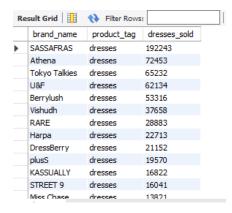


5. List top 5 brands which has sold most number of jeans

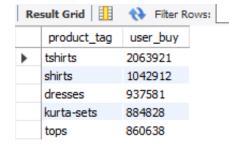
sql>> select brand_name, product_tag, sum(rating_count) as 'jeans_sold'
from myntra where product_tag = 'jeans'
group by brand_name
order by jeans_sold desc;



6. List top 5 brands which has sold most number of dresses sql>> select brand_name, product_tag, sum(rating_count) as 'dresses_sold' from myntra where product_tag = 'dresses' group by brand_name order by dresses_sold desc;



7. Most popular product name listed in Myntra sql>> select product_tag, sum(rating_count) as 'user_buy' from myntra group by product_tag order by user_buy desc limit 5;



8. Number of products sold for every rating (0 - 5) sql>> select rating, count(rating) as "product_sold" from myntra where rating_count !=0 group by rating order by rating;

Result Grid				
	rating	product_sold		
•	1	74		
	1.1	1		
	1.2	2		
	1.3	22		
	1.4	4		
	1.5	14		
	1.6	13		
	1.7	26		
	1.8	37		
	1.9	10		
	2	83		
	2.1	20		
	22	39		
-	11 40			

9. Number of products sold for every rating by nike sql>> select brand_name, rating, count(rating) as 'product_sold' from myntra where brand_name = 'nike' and rating_count!=0 group by rating order by rating asc;

brand_name rating product_sold Nike 0 104 Nike 1 2 Nike 3.2 1 Nike 3.4 5 Nike 3.5 2 Nike 3.6 3 Nike 3.7 1 Nike 3.8 9 Nike 3.9 14 Nike 4 12 Nike 4.1 12 Nike 4 2 Nike 4 2	Result Grid 🔢 💎 Filter Rows:				
Nike 1 2 Nike 3.2 1 Nike 3.3 2 Nike 3.4 5 Nike 3.5 2 Nike 3.6 3 Nike 3.7 1 Nike 3.8 9 Nike 3.9 14 Nike 4 12 Nike 4.1 12		brand_name	rating	product_sold	
Nike 3.2 1 Nike 3.3 2 Nike 3.4 5 Nike 3.5 2 Nike 3.6 3 Nike 3.7 1 Nike 3.8 9 Nike 3.9 14 Nike 4 12 Nike 4.1 12	•	Nike	0	104	
Nike 3.3 2 Nike 3.4 5 Nike 3.5 2 Nike 3.6 3 Nike 3.7 1 Nike 3.8 9 Nike 3.9 14 Nike 4 12 Nike 4.1 12		Nike	1	2	
Nike 3.4 5 Nike 3.5 2 Nike 3.6 3 Nike 3.7 1 Nike 3.8 9 Nike 3.9 14 Nike 4 12 Nike 4.1 12		Nike	3.2	1	
Nike 3.5 2 Nike 3.6 3 Nike 3.7 1 Nike 3.8 9 Nike 3.9 14 Nike 4 12 Nike 4.1 12		Nike	3.3	2	
Nike 3.6 3 Nike 3.7 1 Nike 3.8 9 Nike 3.9 14 Nike 4 12 Nike 4.1 12		Nike	3.4	5	
Nike 3.7 1 Nike 3.8 9 Nike 3.9 14 Nike 4 12 Nike 4.1 12		Nike	3.5	2	
Nike 3.8 9 Nike 3.9 14 Nike 4 12 Nike 4.1 12		Nike	3.6	3	
Nike 3.9 14 Nike 4 12 Nike 4.1 12		Nike	3.7	1	
Nike 4 12 Nike 4.1 12		Nike	3.8	9	
Nike 4.1 12		Nike	3.9	14	
		Nike	4	12	
Nike 4.2 14		Nike	4.1	12	
Dec. 14 47			4 2	14	

10. Number of products sold for every rating in tshirt category sql>> select rating, product_tag, count(product_tag) as 'product_sold' from myntra where product_tag = 'tshirts' and rating_count !=0 group by rating order by rating;

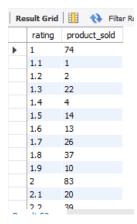
Re	Result Grid 🔢 🙌 Filter Rows:					
	rating	product_tag	product_sold			
•	1.5	tshirts	1			
	1.7	tshirts	1			
	2	tshirts	1			
	2.2	tshirts	1			
	2.3	tshirts	5			
	2.4	tshirts	5			
	2.5	tshirts	7			
	2.6	tshirts	7			
	2.7	tshirts	15			
	2.8	tshirts	14			
	2.9	tshirts	6			
	3	tshirts	31			
D	3.1	tehirte	11			

11. Relation between price of the tshirt and its rating wrt to people rated sql>> select product_tag, avg(discounted_price) as 'avg_price',rating, sum(rating_count) as

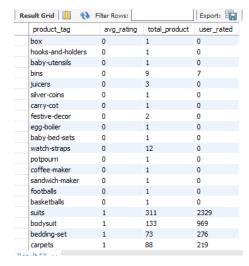
'user_rated' from myntra where product_tag ='tshirts' group by rating order by rating;



12. Number of products sold for every rating sql>> select rating, count(product_tag) as 'product_sold' from myntra where rating_count!=0 group by rating order by rating;



13. find the average rating for each product category along with the no of products and total rating count



14. find the brand with the highest average rating among products with a discounted price greater than 5000

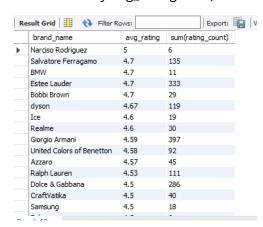
sql>> select brand_name ,round(avg(rating),2) as 'avg_rating', sum(rating_count)

from myntra

where discounted_price >5000

group by brand_name

order by avg_rating desc;



15. top 10 brands with most no of product sold

sql>> select brand_name, sum(rating_count) as "product_sold"

from myntra

group by brand_name

order by product_sold desc limit 10;

