

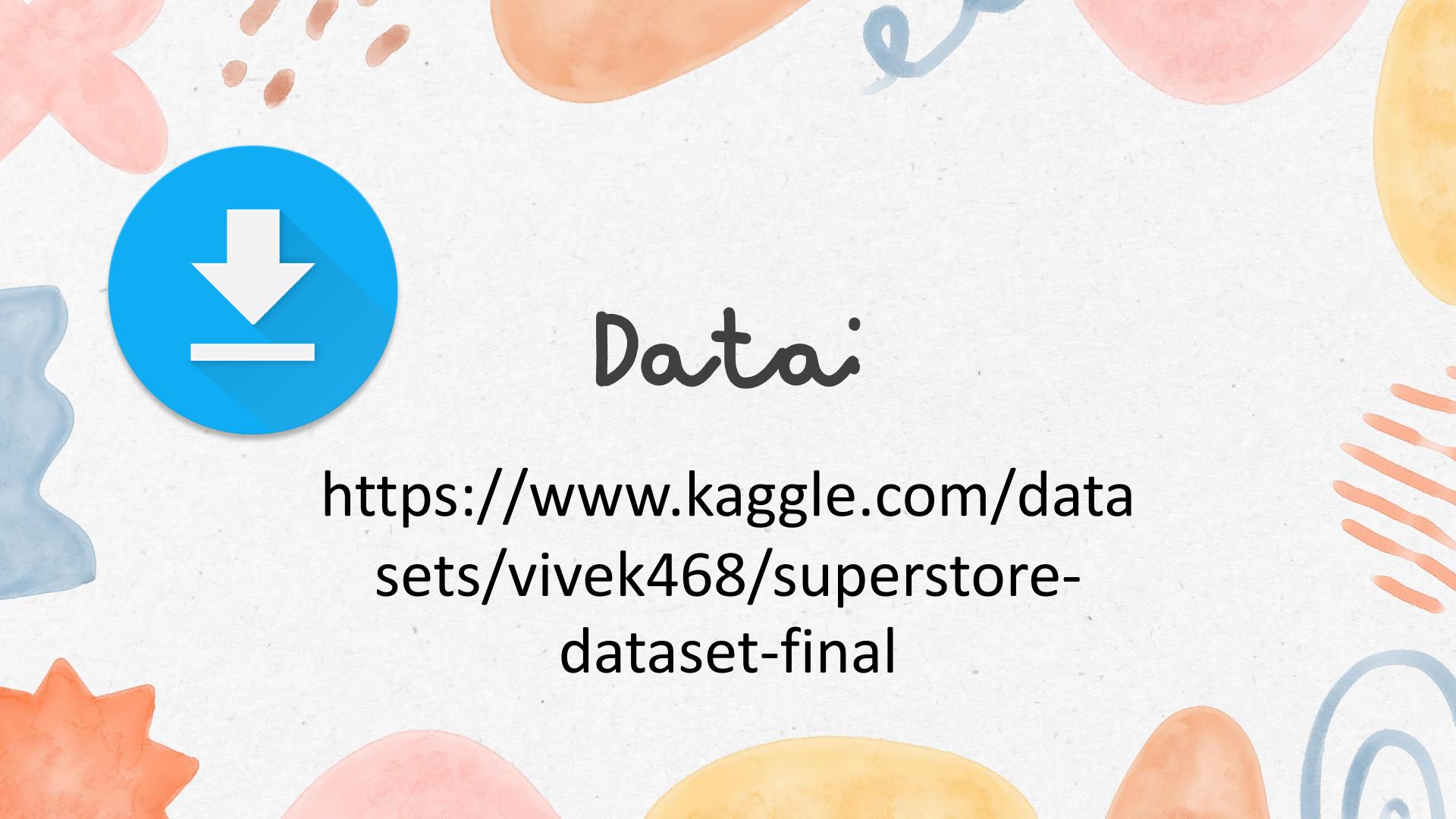
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## avestions

- 1. What is the total sales revenue in the data?
- 2. What is the total profit obtained?
- 3. How many transactions are recorded?
- 4. What is the average quantity of sales?

## avestions

- 5. Which product is ordered the most?
- 6.Provide the sales ranking based on customer ID (top 5 sales).
- 7.Provide the customer ranking based on sales, partitioned by segment.



1. What is the total sales revenue in the data?

avery/No-1

select sum(sales) as total\_sales
from sample;

Output

123 total\_sales 2,291,304

2. What is the total profit obtained?

# auty/No-2

select sum(profit) as total\_profit
from sample;

Output

 3. How many transactions are recorded?

Query No-3
select count(order\_id) as total\_transaksi
from sample;

Output

123 total\_transaksi
9,994

4. What is the average quantity of sales?

# auty/No-4

select avg(quantity) as average\_quantity
from sample;

Output

123 average\_quantity



3.7895737442

5. Which product is ordered the most?

# avery-No-5

select category, sum(quantity) as total\_order\_quantity
from sample s
group by category;

#### Output

•	A-z category 🔻	123 total_order_quantity 🔻	
	Furniture	8,028	
	Office Supplies	22,906	
	Technology	6,939	

6. Provide the sales ranking based on customer ID (top 5 sales).

# auty/No-6

select customer\_id, customer\_name, sum(sales) as total\_sales from sample s

group by customer\_id, customer\_name

order by total\_sales desc

limit 5;

#### Output

)	A-z customer_id 🔻	A-z customer_name	123 total_sales 🔻	
30.00	SM-20320	Sean Miller	25,035	
	TC-20980	Tamara Chand	19,046	
	RB-19360	Raymond Buch	15,107	
	TA-21385	Tom Ashbrook	14,589	
	AB-10105	Adrian Barton	14,460	

1 5 40

7. Provide the customer ranking based on sales, partitioned by segment.

## avery No-7

```
with ranking customer as (select customer id, segment, sum(sales) as total sales
                                   from sample
                                   group by customer id, segment)--CTE
select customer id, segment, total sales,
     rank() over(partition by segment order by total sales desc) as ranked
from ranking customer;
                                                                        123 total_sales
                                           A-z customer_id
                                                                                      123 ranked
                                                          A-z segment
                                          RB-19360
                                                                                 15,107
                                                          Consumer
                                          AB-10105
                                                                                 14,460
                                                          Consumer
     Output
                                                                                 14,157
                                          KL-16645
                                                          Consumer
                                          SC-20095
                                                          Consumer
                                                                                 14,127
                                          HL-15040
                                                                                 12,865
                                                          Consumer
                                                                                 12,198
                                          SE-20110
                                                          Consumer
                                          CC-12370
                                                                                 12,122
                                                          Consumer
                                          GT-14710
                                                          Consumer
                                                                                 11,803
```

BM-11140

CV 20265

Consumer

Concussor

11,778

11 451

10

## INSIGHT

- 1. The total sales revenue is 2,291,304.
- 2. The total profit obtained is 283,183.
- 3. The total number of transactions recorded is 9,994.
- 4. The average quantity of items sold per transaction is 3.78.
- 5. The product category with the highest order volume is office supplies, with a total order quantity of 22,906.

## INSIGHT

- Sean Miller (Customer ID: SM-20320) generated the highest total sales revenue of 25,035
- The top 5 customers collectively contribute significantly to the total sales, with Sean Miller leading by a substantial margin compared to others.
- The sales difference between the 4th (Tom Ashbrook) and 5th (Adrian Barton) customers is relatively small (14,589 vs. 14,460). This suggests consistent purchasing patterns among lower top-tier customers.

# THANK YOU VERY MUCH!