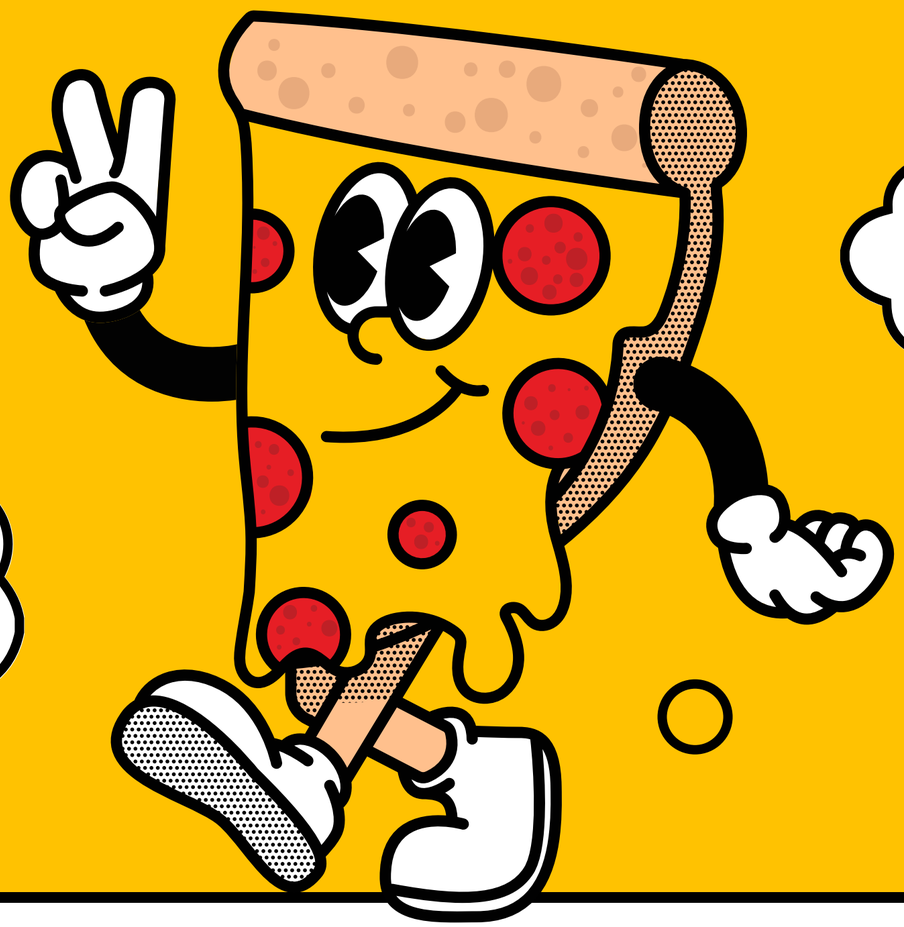
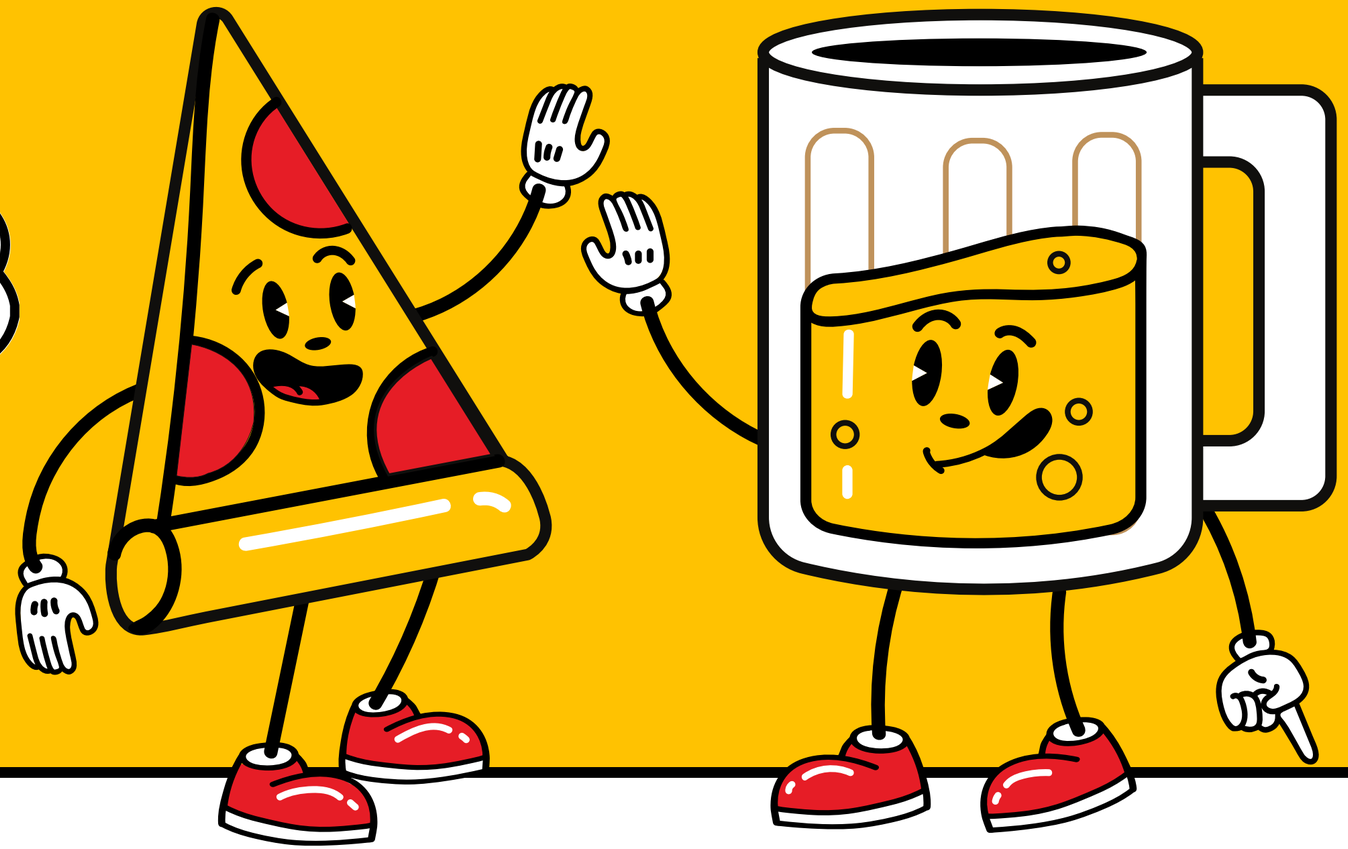
PIZZA SALES

SQL QUERIES AND RESULTS



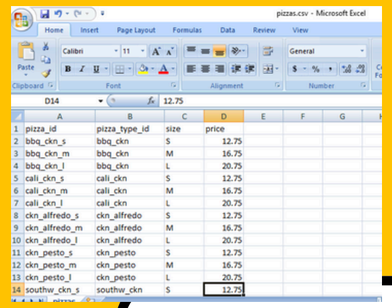
WELCOME TO PIZZA SALES!

HELLO MY NAME IS VASUDHA NAGESH.



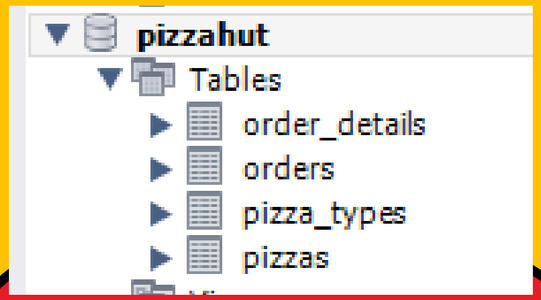
IN THIS PROJECT , I HAVE UTILIZED SQL QUERIES TO SOLVE QUESTIONS THAT WERE RELATED TO PIZZA SALES

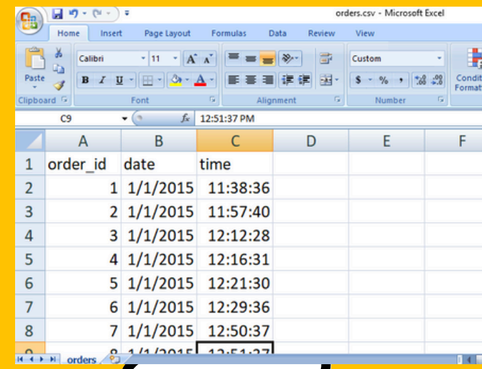
OUR DATABASE


pizzas.csv - Microsoft Excel

	A	B	C	D
1	pizza_id	pizza_type_id	size	price
2	bbq_ckn_s	bbq_ckn	S	12.75
3	bbq_ckn_m	bbq_ckn	M	16.75
4	bbq_ckn_l	bbq_ckn	L	20.75
5	cali_ckn_s	cali_ckn	S	12.75
6	cali_ckn_m	cali_ckn	M	16.75
7	cali_ckn_l	cali_ckn	L	20.75
8	ckn_alfredo_s	ckn_alfredo	S	12.75
9	ckn_alfredo_m	ckn_alfredo	M	16.75
10	ckn_alfredo_l	ckn_alfredo	L	20.75
11	ckn_pesto_s	ckn_pesto	S	12.75
12	ckn_pesto_m	ckn_pesto	M	16.75
13	ckn_pesto_l	ckn_pesto	L	20.75
14	southw_ckn_s	southw_ckn	S	12.75

PIZZAS

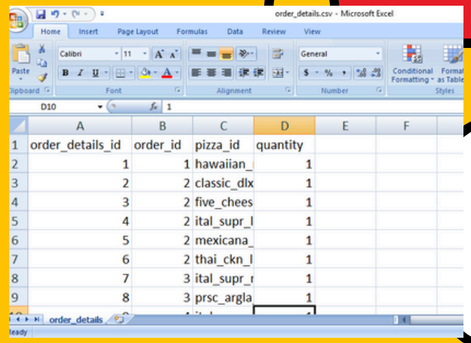



orders.csv - Microsoft Excel

	A	B	C	D	E	F
1	order_id	date	time			
2	1	1/1/2015	11:38:36			
3	2	1/1/2015	11:57:40			
4	3	1/1/2015	12:12:28			
5	4	1/1/2015	12:16:31			
6	5	1/1/2015	12:21:30			
7	6	1/1/2015	12:29:36			
8	7	1/1/2015	12:50:37			

ORDERS

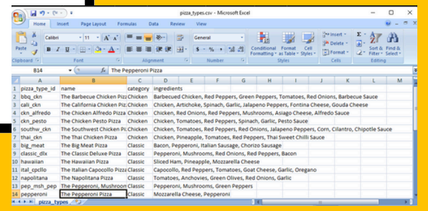
ORDER_DETAILS


order_details.csv - Microsoft Excel

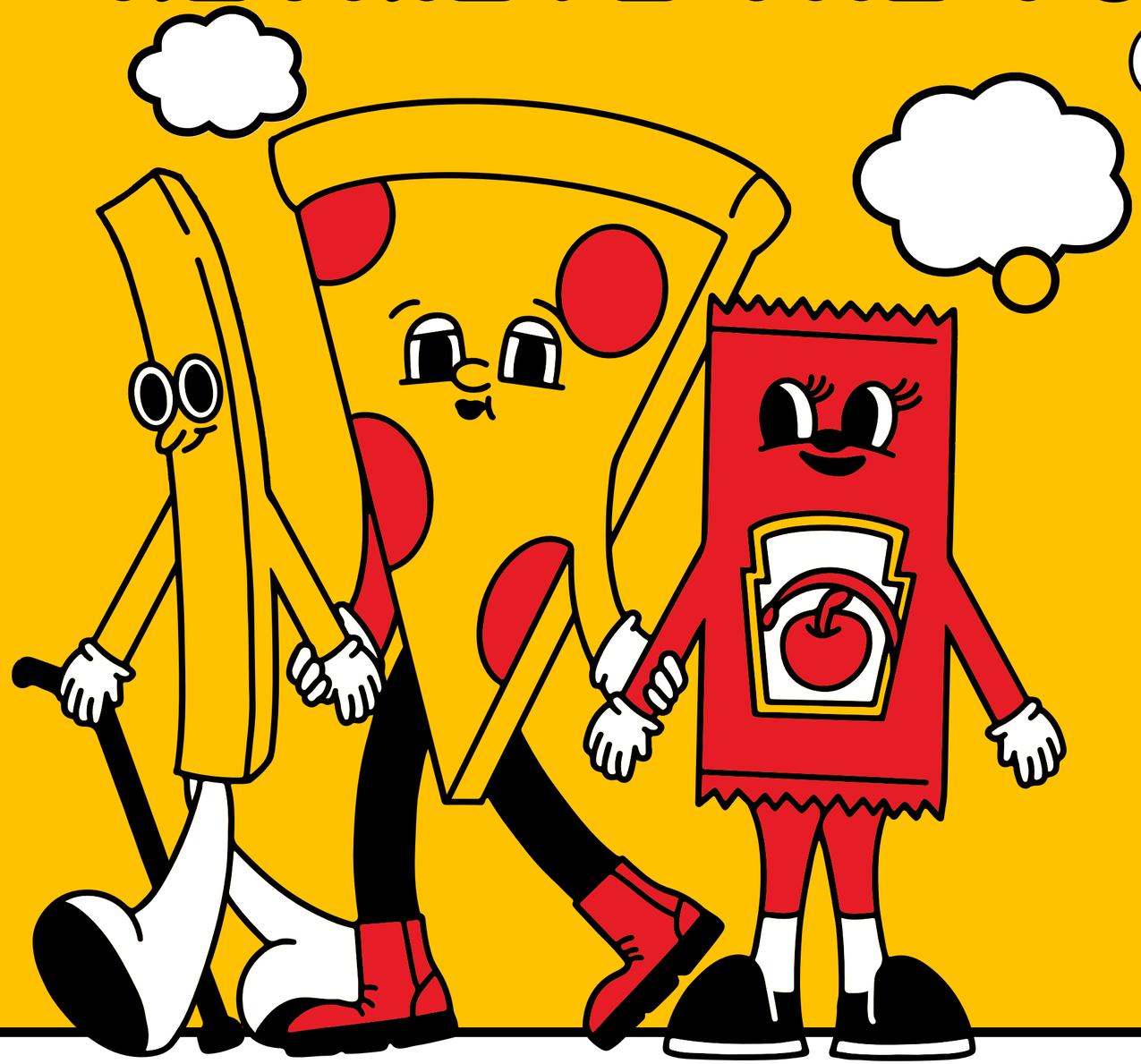
	A	B	C	D	E	F
1	order_details_id	order_id	pizza_id	quantity		
2	1	1	hawaiian_	1		
3	2	2	classic_dlx	1		
4	3	2	five_chees	1		
5	4	2	ital_supr_l	1		
6	5	2	mexicana_	1		
7	6	2	thai_ckn_l	1		
8	7	3	ital_supr_r	1		
9	8	3	prsc_argla	1		

order_details

PIZZA_TYPES


pizza_types.csv - Microsoft Excel

RETRIEVE THE TOTAL NUMBER OF ORDERS PLACED.

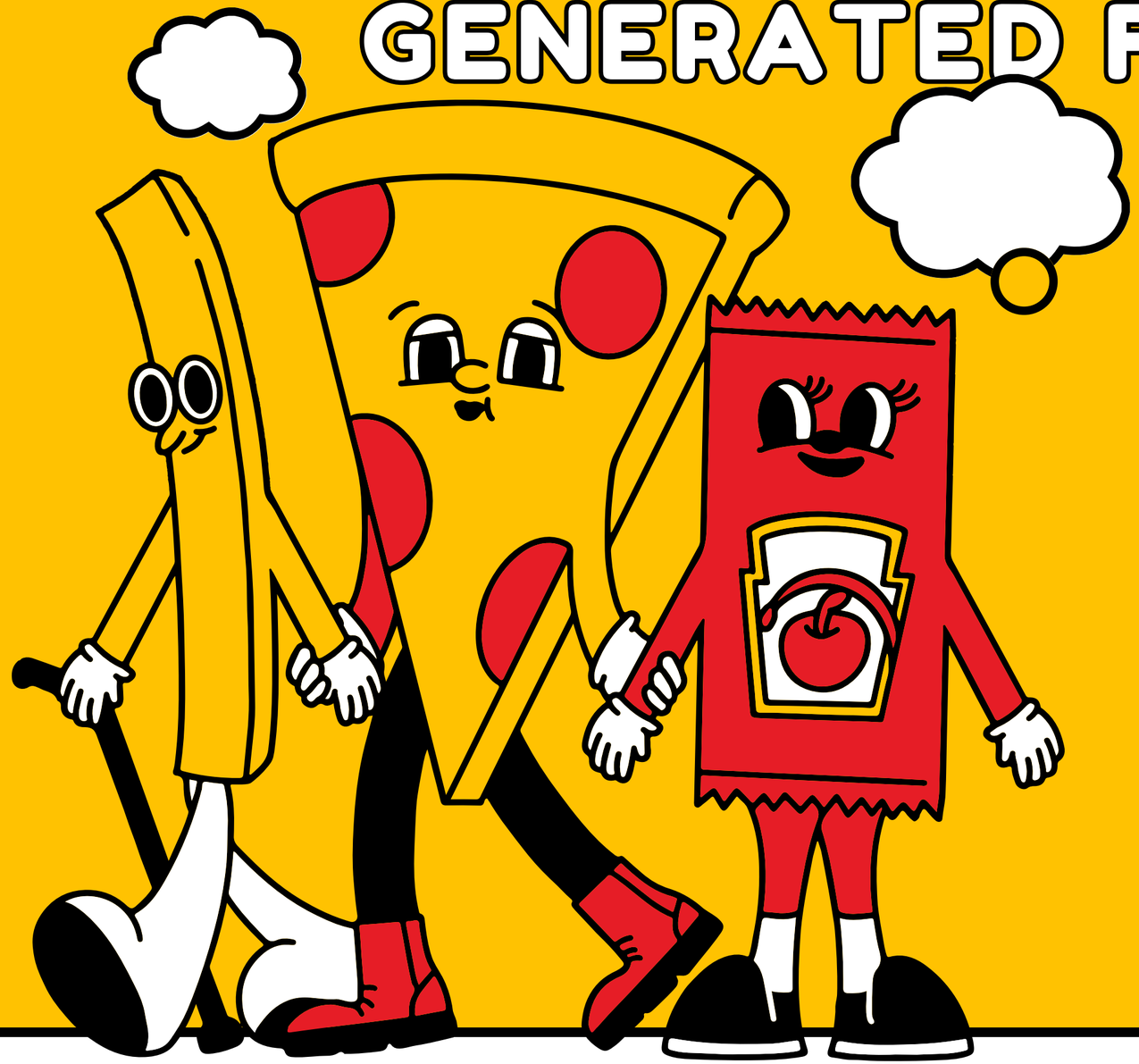


```sql
SELECT
    COUNT(order_id) AS total_orders
FROM
    orders;
```

Result Grid | Filter Rows:

	total_orders
▶	21350

CALCULATE THE TOTAL REVENUE GENERATED FROM PIZZA SALES.

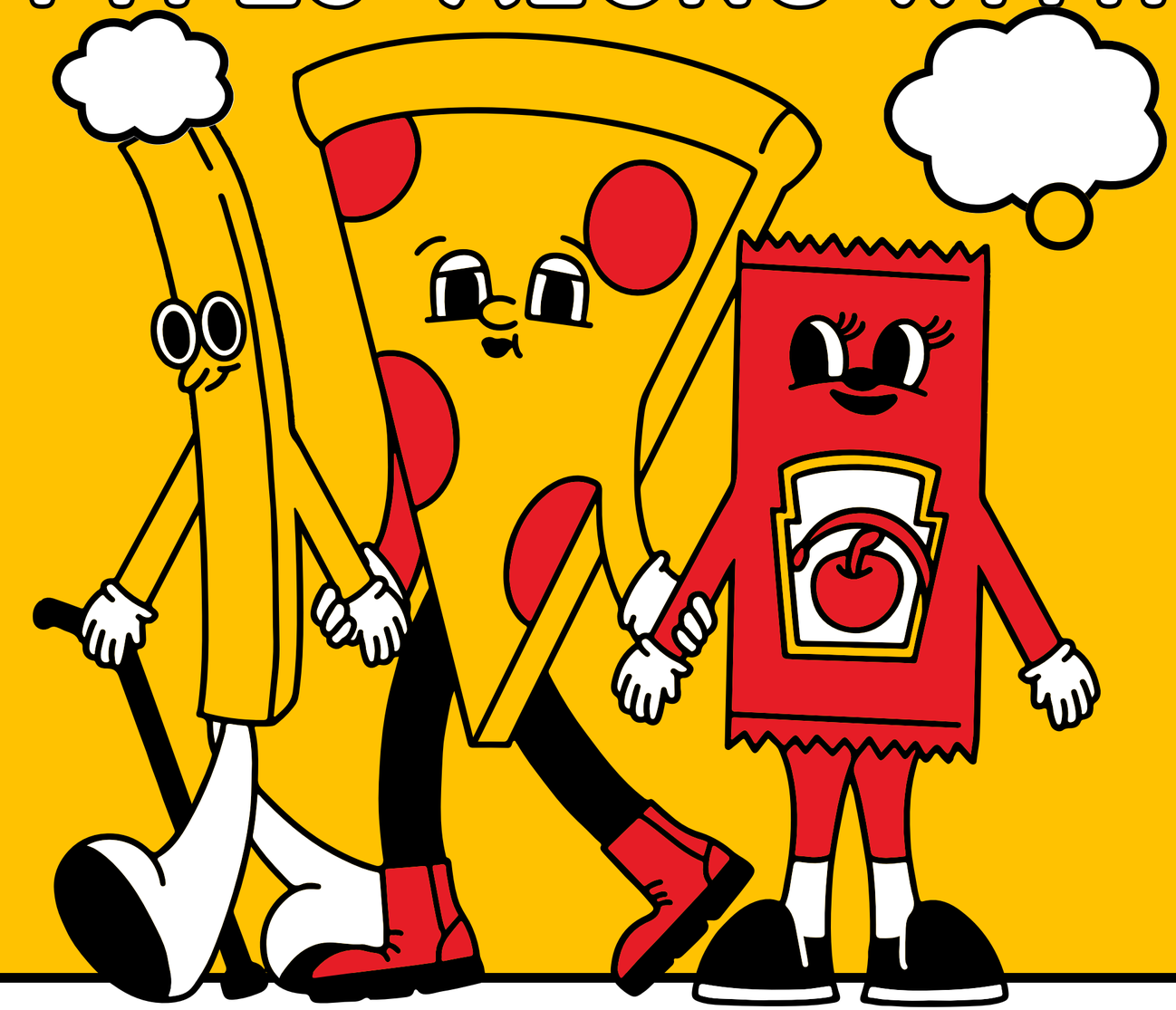


```sql
SELECT
    ROUND(SUM(order_details.quantity * pizzas.price),
            2) AS total_sales
FROM
    order_details
        JOIN
    pizzas ON pizzas.pizza_id = order_details.pizza_id;
```

Result Grid | Filter Rows:

total_sales
817860.05

LIST THE TOP 5 MOST ORDERED PIZZA TYPES ALONG WITH THEIR QUANTITIES.

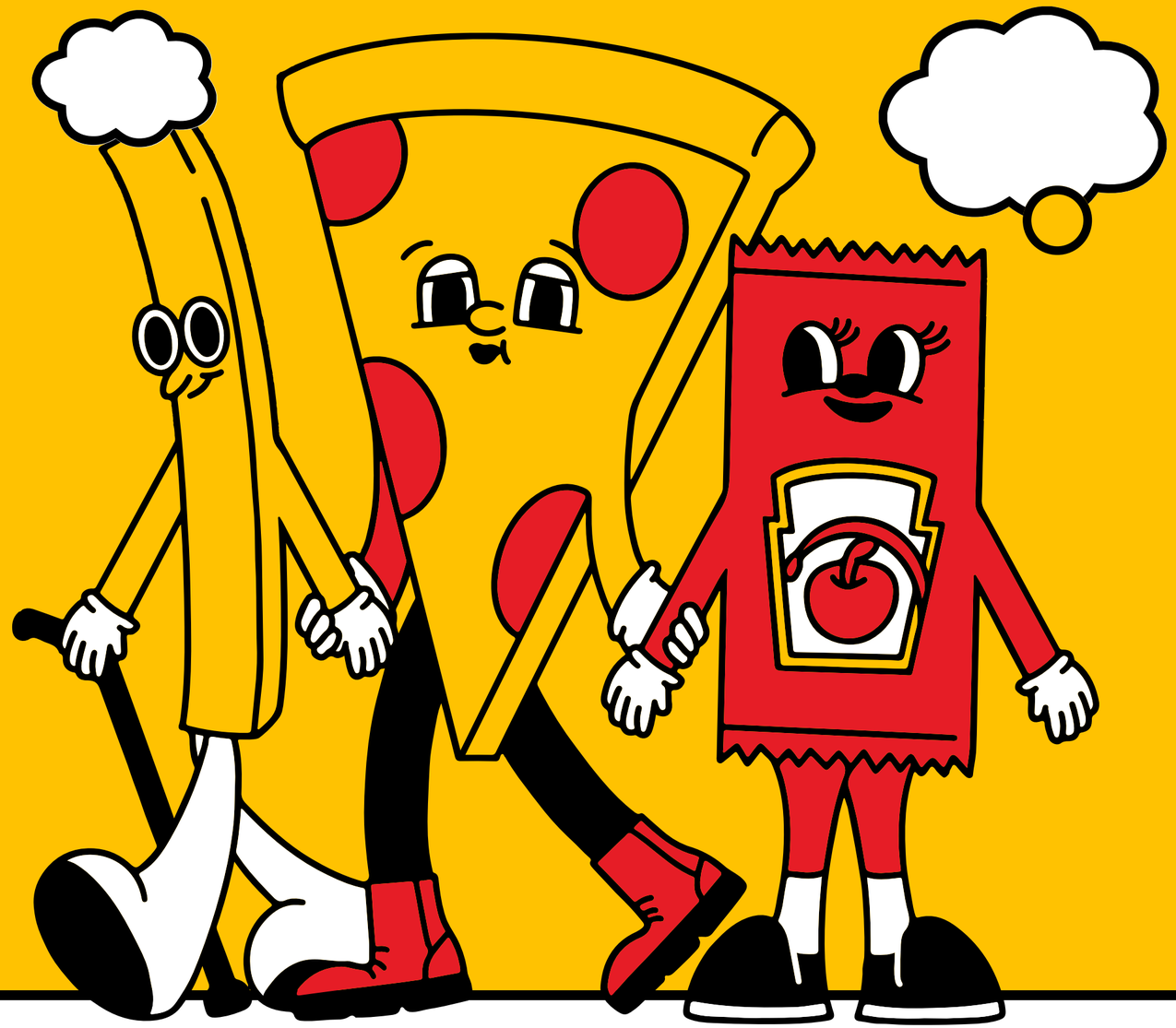


```sql
SELECT
    pizza_types.name, SUM(order_details.quantity) AS quantity
FROM
    pizza_types
        JOIN
    pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
        JOIN
    order_details ON order_details.pizza_id = pizzas.pizza_id
GROUP BY pizza_types.name
ORDER BY quantity DESC
LIMIT 5;
```

Result Grid | Filter Rows: | Expo

name	quantity
The Classic Deluxe Pizza	2453
The Barbecue Chicken Pizza	2432
The Hawaiian Pizza	2422
The Pepperoni Pizza	2418
The Thai Chicken Pizza	2371

DETERMINE THE DISTRIBUTION OF ORDERS BY HOUR OF THE DAY.



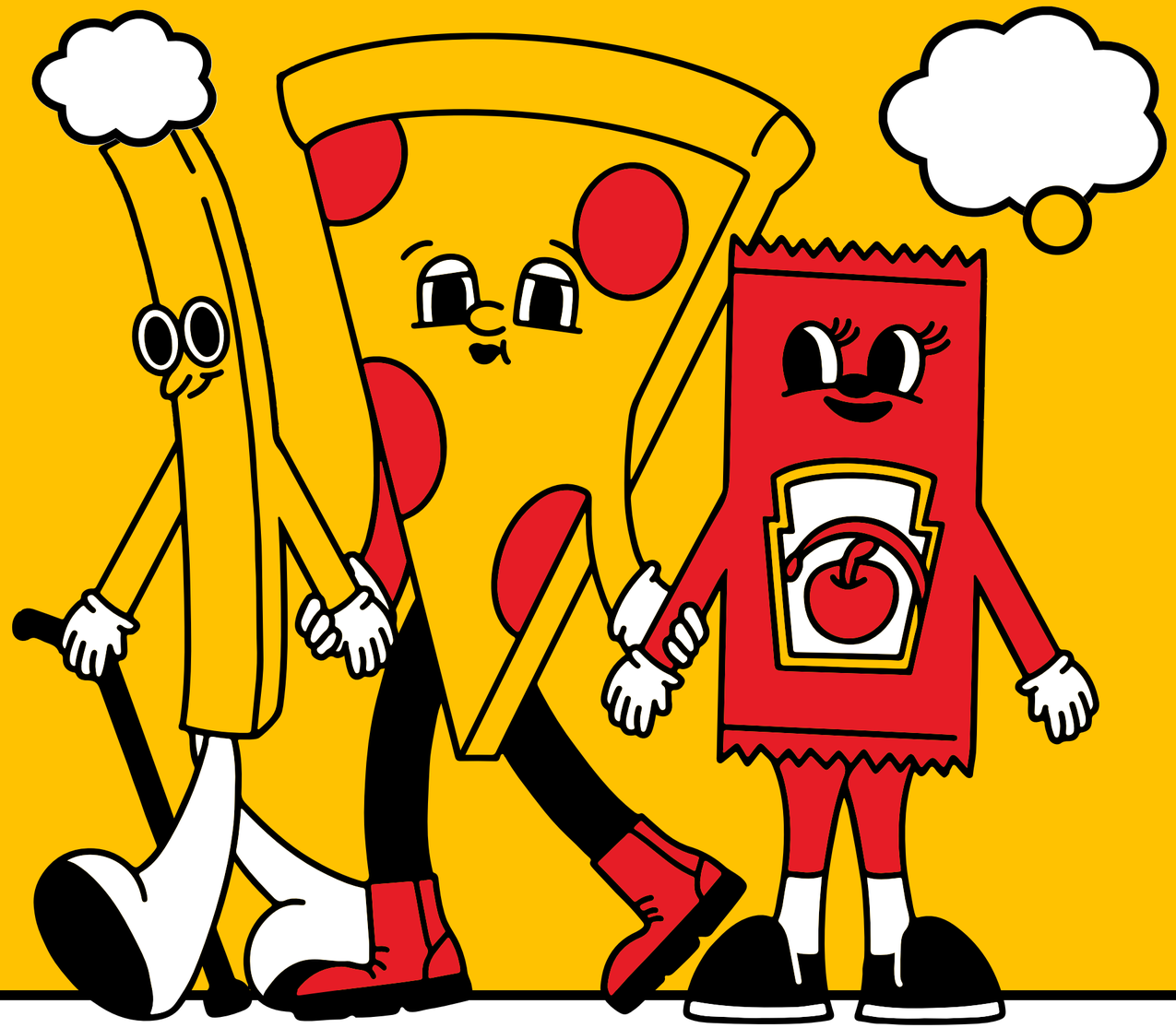
```sql
SELECT
    HOUR(order_time) AS hour, COUNT(order_id) AS order_count
FROM
    orders
GROUP BY HOUR(order_time);
```

Result Grid | Filter Rows:

hour	order_count
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2000

Result 4

JOIN RELEVANT TABLES TO FIND THE CATEGORY-WISE DISTRIBUTION OF PIZZAS.

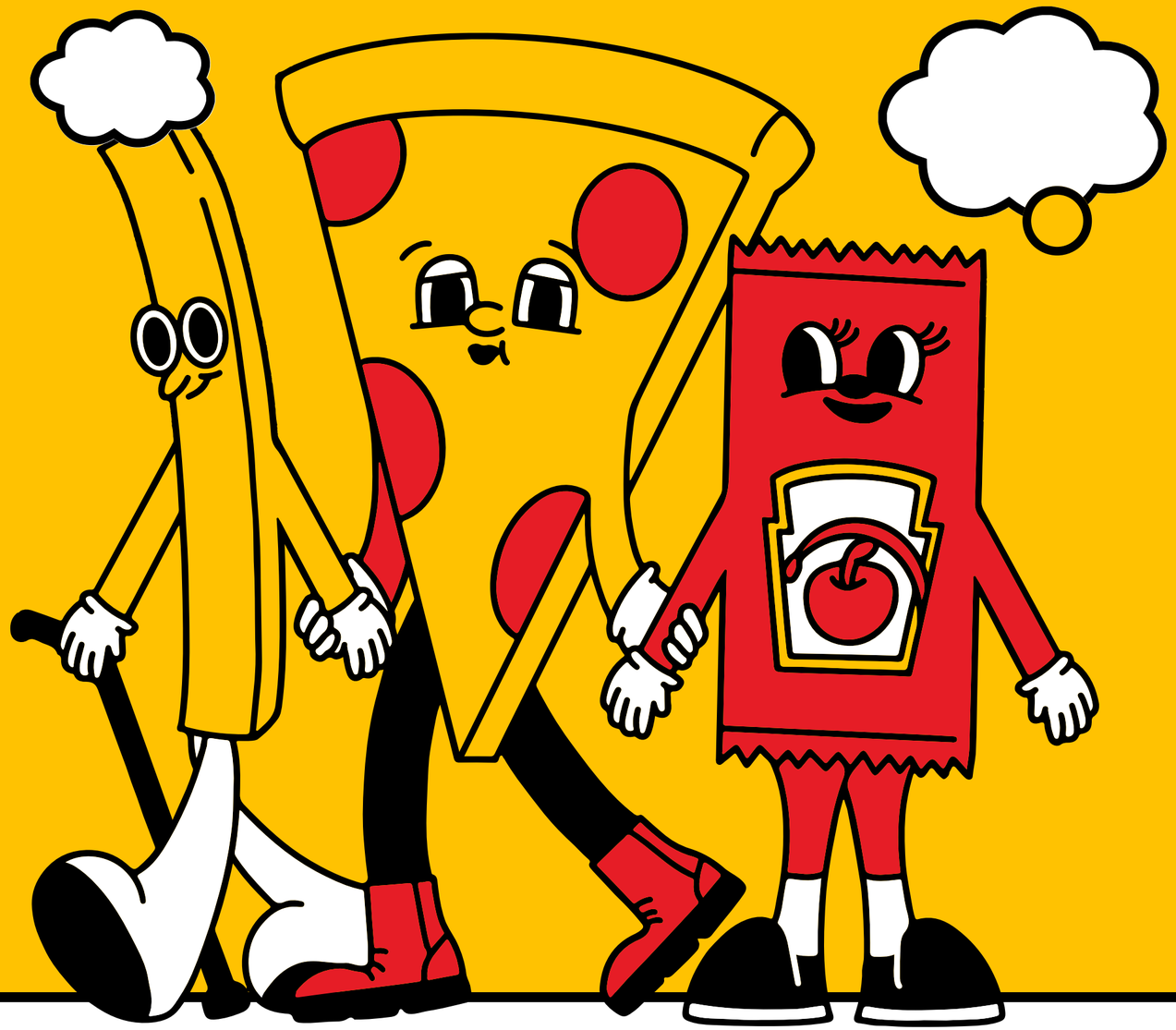


```sql
select category , count(name) from pizza_types
group by category;
```

Result Grid | Filter Rows:

category	count(name)
Chicken	6
Classic	8
Supreme	9
Veggie	9

IDENTIFY THE MOST COMMON PIZZA SIZE ORDERED.



```sql
SELECT
    pizzas.size, COUNT(order_details.order_id) AS order_count
FROM
    pizzas
        JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizzas.size
ORDER BY order_count DESC
LIMIT 1;
```

Result Grid | Filter Rows:

size	order_count
L	18526

THANK YOU AND MAKE USE OF RESULTS