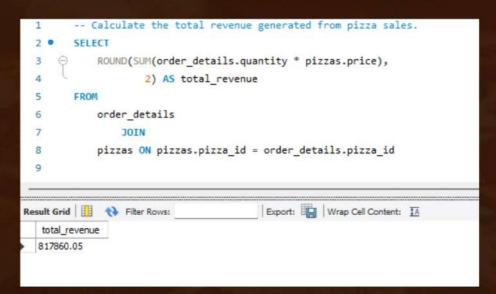




THIS QUERY COUNTS THE TOTAL NUMBER OF UNIQUE ORDERS IN THE DATASET.

TOTAL REVENUE

CALCULATES THE TOTAL REVENUE GENERATED FROM ALL PIZZA SALES.



HIGHEST-PRICED PIZZA

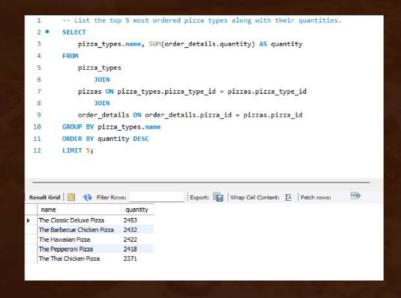
IDENTIFIES THE MOST EXPENSIVE PIZZA ON THE MENU.

MOST COMMON PIZZA SIZE

Finds the most frequently ordered pizza size

TOP 5 PIZZA TYPES BY QUANTITY

LISTS THE FIVE MOST ORDERED PIZZA TYPES BASED ON TOTAL QUANTITY SOLD.



TOTAL QUANTITY BY CATEGORY ::::::

SUMMARIZES THE TOTAL QUANTITY SOLD FOR EACH PIZZA CATEGORY.

```
-- Join the necessary tables to find the total quantity of each pizza category ordered
       SELECT
           pizza types.category,
           SUM(order_details.quantity) AS total_qty
         pizza_types
          pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
 10
          order_details ON order_details.pizza_id = pizzas.pizza_id
11 GROUP BY pizza_types.category
12
    ORDER BY total_qty
                                    Export: Wrap Cell Content: IA
category total_qty
          11050
  Chicken
  Veggie 11649
  Supreme
          11987
          14888
```



SHOWS HOW PIZZA ORDERS ARE DISTRIBUTED ACROSS DIFFERENT CATEGORIES.

AVERAGE PIZZAS ORDERED PER DAY

CALCULATES THE AVERAGE NUMBER OF PIZZAS ORDERED PER DAY.

TOP 3 PIZZAS BY REVENUE

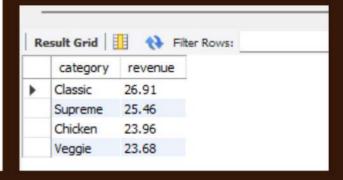
DISPLAYS THE THREE PIZZA TYPES THAT GENERATED THE HIGHEST REVENUE.

```
-- Determine the top 3 most ordered pizza types based on revenue.
           pizza_types.name,
           SUM(order_details.quantity * pizzas.price) A5 Revenue
          pizza_types
              JOIN
        pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
10
          order_details ON order_details.pizza_id = pizzas.pizza_id
      GROUP BY pizza_types.name
11
     ORDER BY revenue DESC
Export: Wrap Cell Content: IA Fetch rows:
 name
▶ The Thai Chicken Pizza
                       43434.25
  The Barbecue Chicken Pizza 42768
  The California Chicken Pizza 41409.5
```

REVENUE CONTRIBUTION BY CATEGORY

SHOWS WHAT PERCENTAGE OF TOTAL REVENUE EACH CATEGORY CONTRIBUTES.

```
-- Calculate the percentage contribution of each pizza type to total revenue.
        SELECT
            pizza_types.category,
            ROUND(SUM(order_details.quantity * pizzas.price) / (SELECT
                           ROUND(SUM(order_details.quantity * pizzas.price),
                                      2) AS total_revenue
                           order_details
9
                               JOIN
10
                           pizzas ON pizzas.pizza_id = order_details.pizza_id) * 100,
12
       FROM
13
          pizza_types
               JOIN
15
          pizzas ON pizzas.pizza_type_id = pizza_types.pizza_type_id
16
17
           order_details ON order_details.pizza_id = pizzas.pizza_id
        GROUP BY pizza_types.category
        ORDER BY revenue DESC;
```



CUMULATIVE REVENUE OVER TIME

ANALYZES HOW REVENUE HAS ACCUMULATED OVER TIME.

```
SUM(order_details.quantity * pizzas.price) AS daily_revenue,
          SUM(SUM(order_details.quantity * pizzas.price)) OVER (ORDER BY orders.date)
          AS cumulative_revenue
8
           order_details
9
      JOIN
10
          pizzas ON order_details.pizza_id = pizzas.pizza_id
      DOIN
11
12
          orders ON orders.order_id = order_details.order_id
13
      GROUP BY
14
          orders.date
15
      ORDER BY
16
          orders.date;
```

	date	daily revenue	cumulative_revenue
•	2015-01-01	8376.55	8376.55
	2015-01-02	8655. 199999999999	17031.75
	2015-01-(2015-01-03 1999999997		25083.699999999997
	2015-01-04	5516.8499999999985	30600.549999999996
	2015-01-05	6418.3499999999985	37018.899999999994
	2015-01-06	7637.749999999999	44656.649999999999
	2015-01-07	7126.249999999997	51782.899999999994
	2015-01-08	8790.05	60572.95
	2015-01-09	6634.299999999997	67207.25
	2015-01-10	7503.0999999999985	74710.35

TOP 3 PIZZAS BY CATEGORY REVENUE

RANKS THE TOP 3 PIZZA TYPES BY REVENUE WITHIN EACH CATEGORY USING WINDOW FUNCTIONS.

