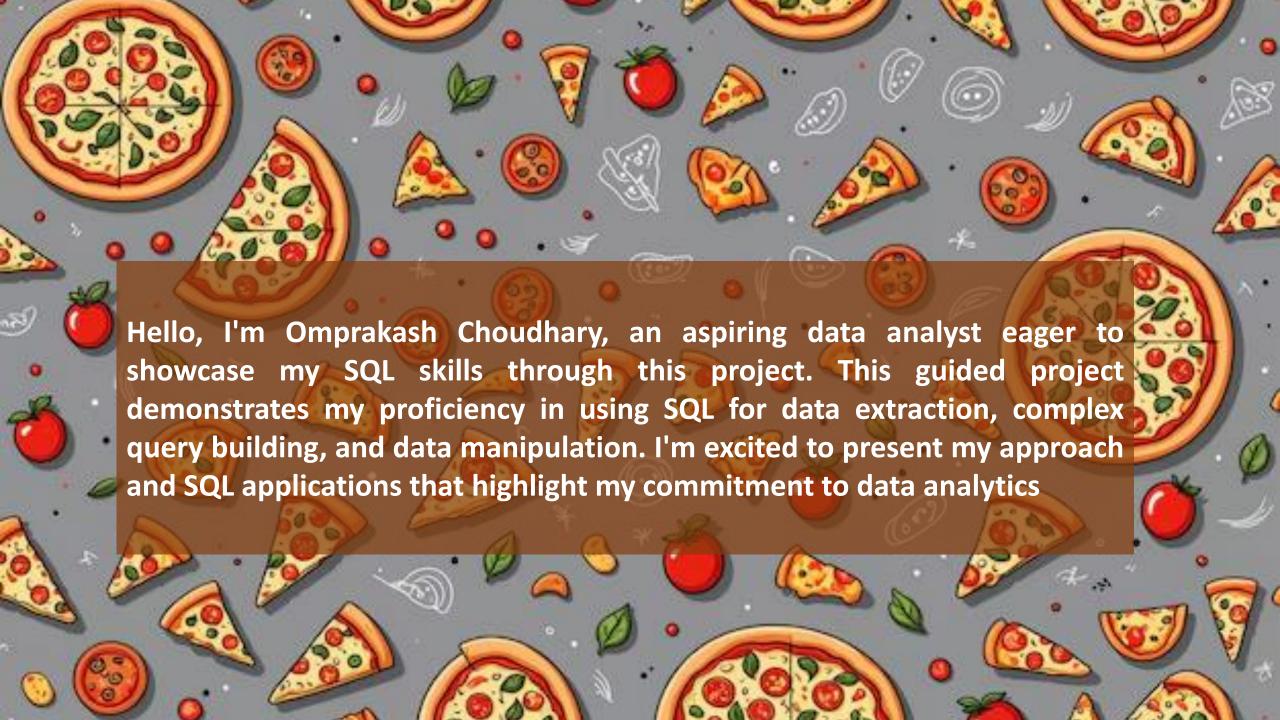


Pizza Sales SQL Project

Basic to Advance

By Omprakash Choudhary





Problem Statement

o Basic:

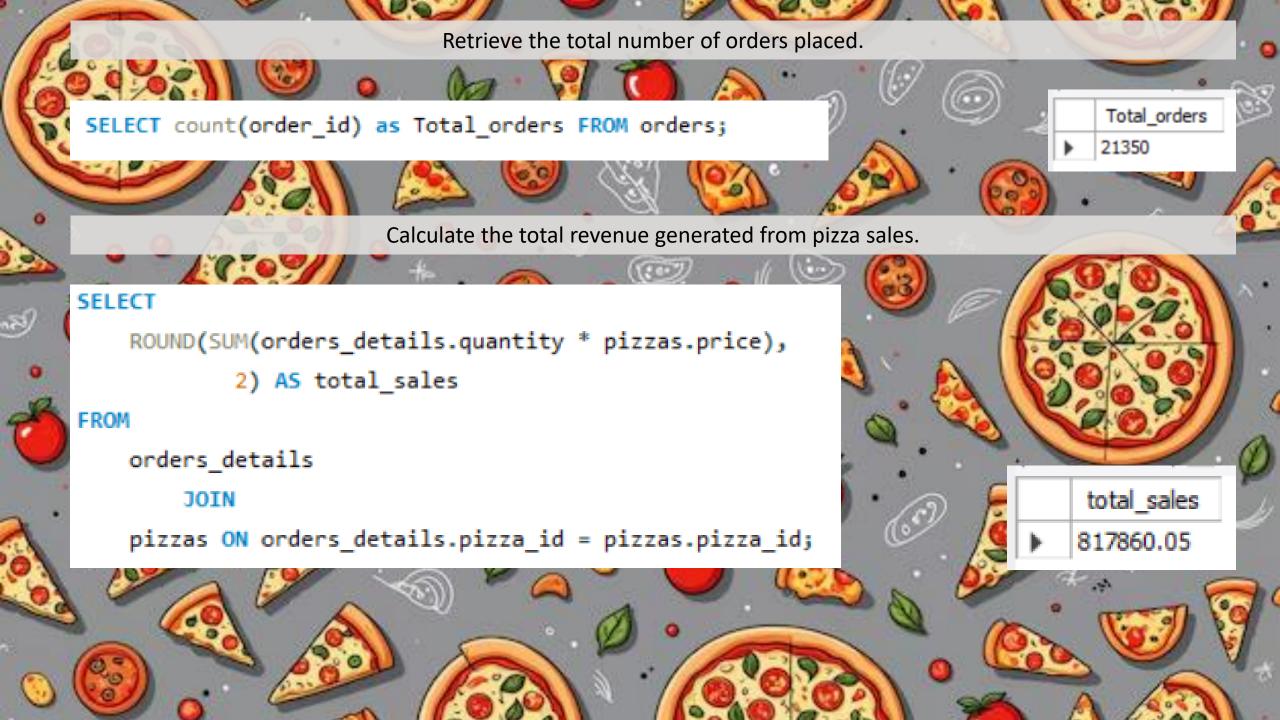
- Retrieve the total number of orders placed.
- Calculate the total revenue generated from pizza sales.
- Identify the highest-priced pizza.
- Identify the most common pizza size ordered.
- List the top 5 most ordered pizza types along with their quantities.

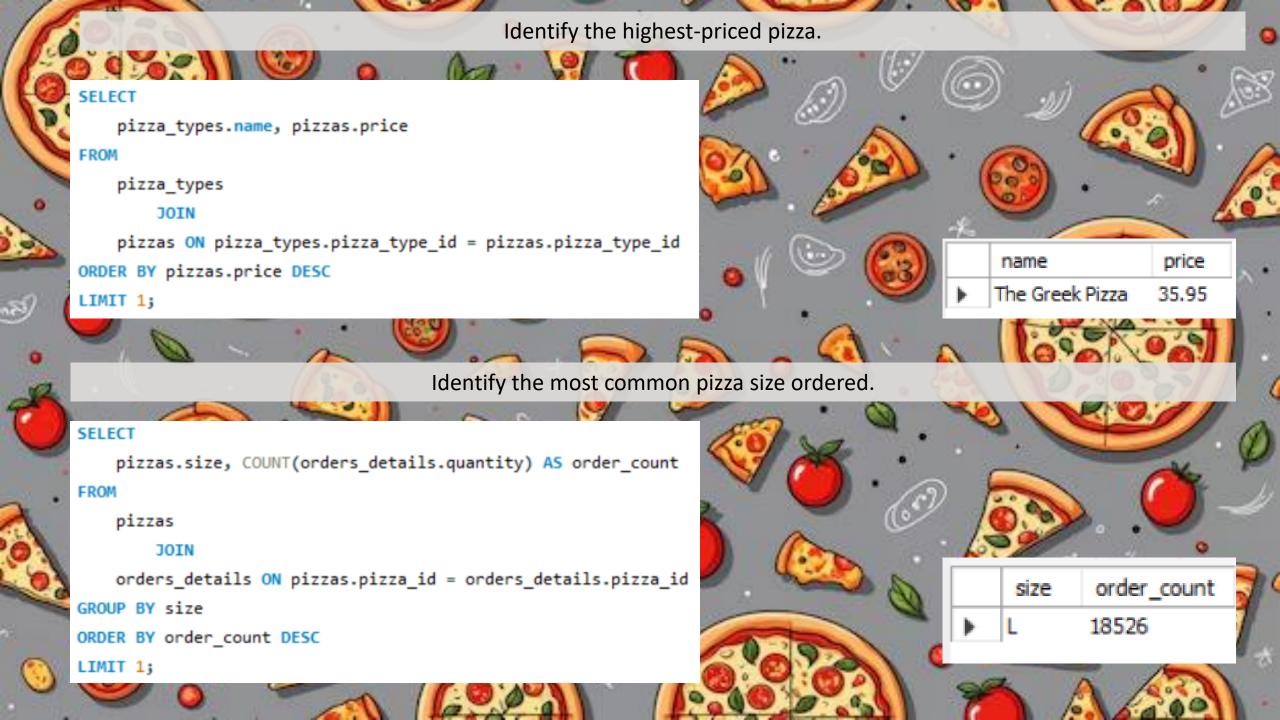
Intermediate:

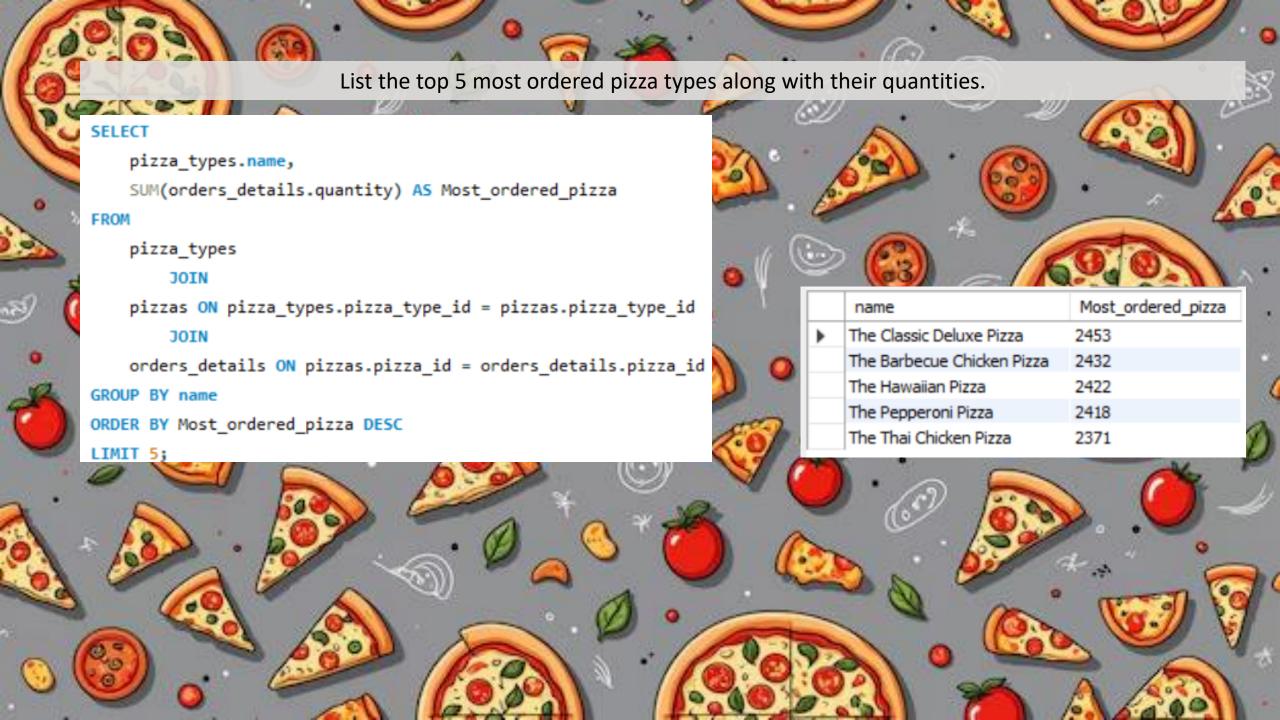
- Join the necessary tables to find the total quantity of each pizza category ordered.
- Determine the distribution of orders by hour of the day.
- Join relevant tables to find the category-wise distribution of pizzas.
- Group the orders by date and calculate the average number of pizzas ordered per day.
- Determine the top 3 most ordered pizza types based on revenue.

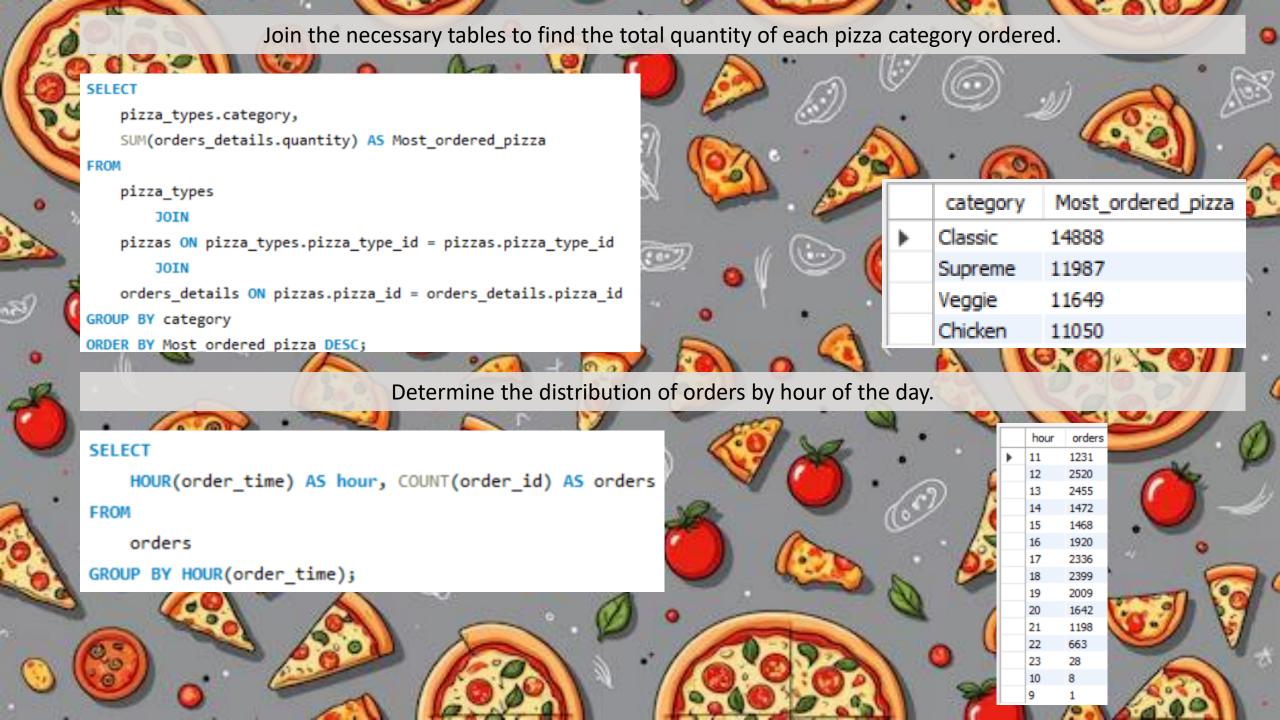
Advanced:

- Calculate the percentage contribution of each pizza type to total revenue.
- Analyze the cumulative revenue generated over time.
- Determine the top 3 most ordered pizza types based on revenue for each pizza category.

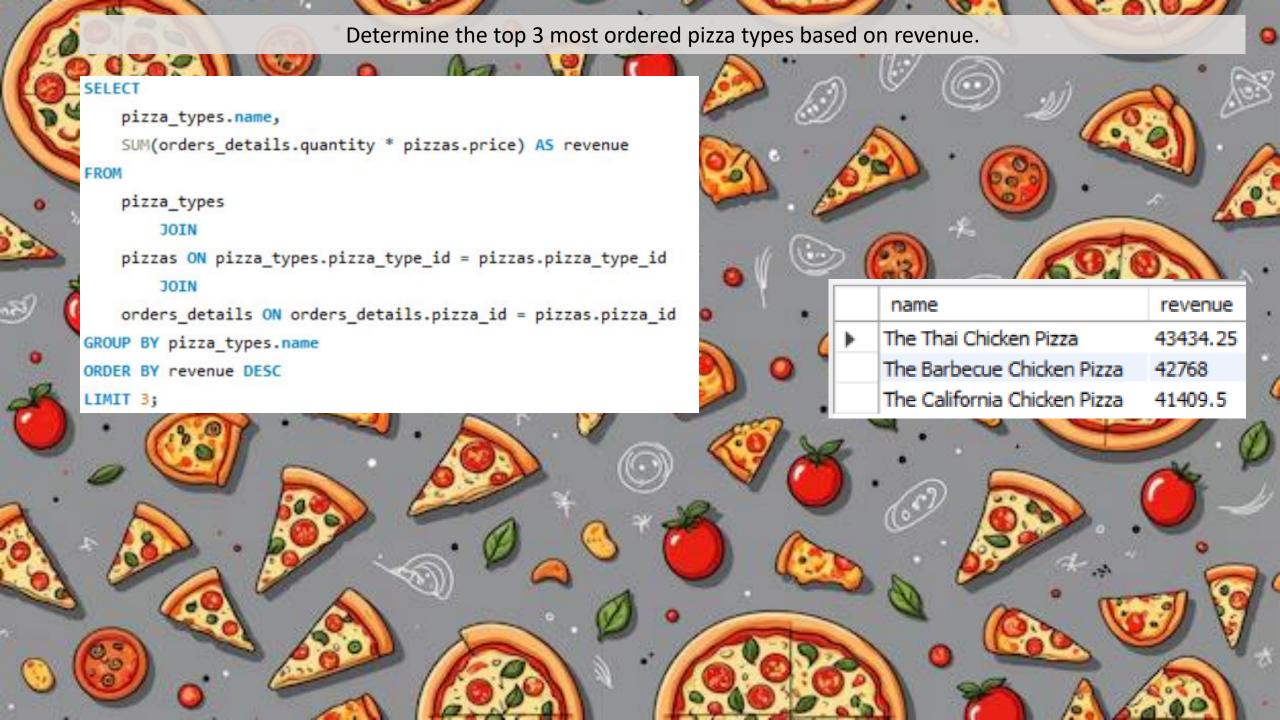


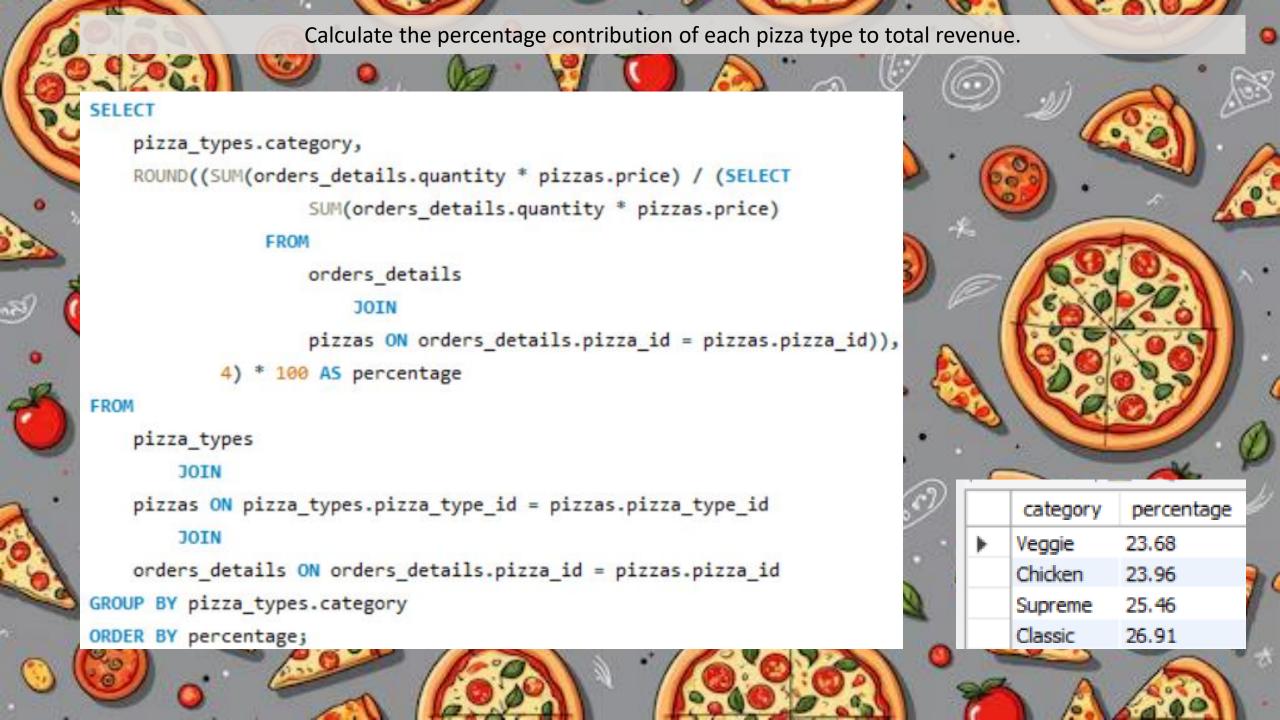


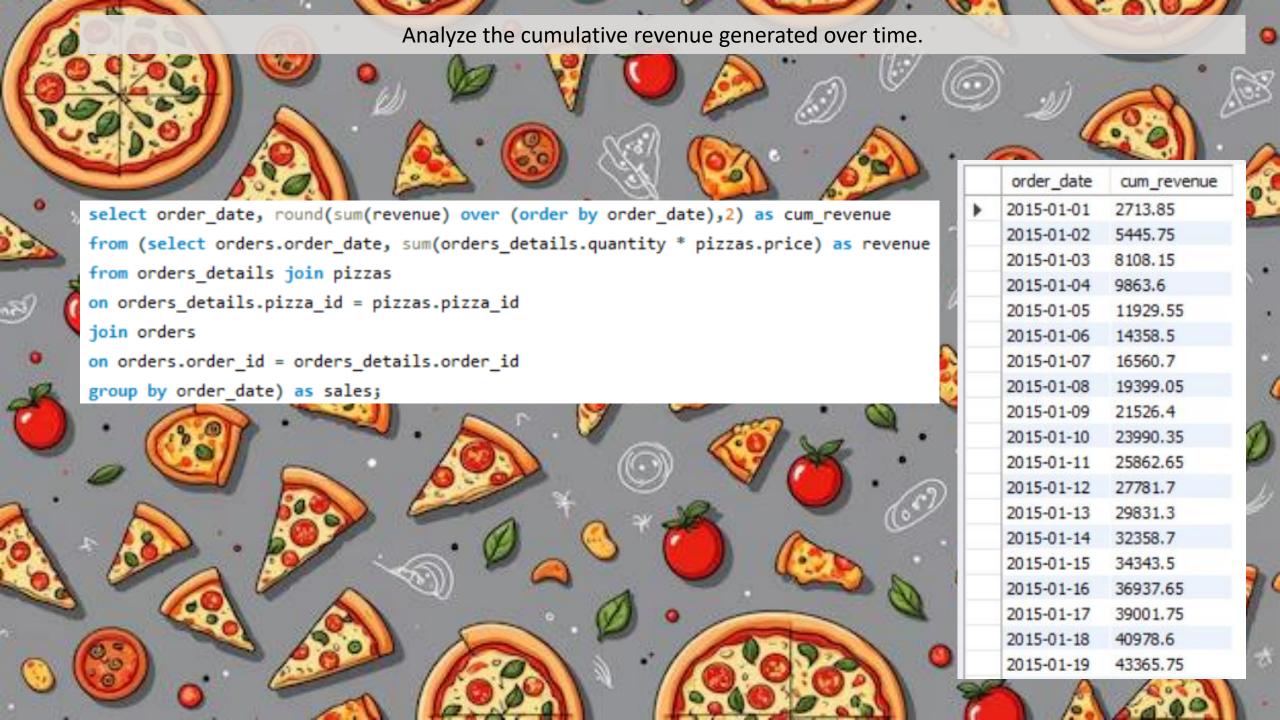












```
Determine the top 3 most ordered pizza types based on revenue for each pizza category.
select name, revenue, rn
from
(select category, name, revenue, rank () over(partition by category order by revenue desc) as rn
from
(select pizza_types.category, pizza_types.name, sum((orders_details.quantity)*pizzas.price) as revenue
from pizza types join pizzas
on pizza_types.pizza_type_id = pizzas.pizza_type_id
join orders details
on orders_details.pizza_id= pizzas.pizza_id
group by pizza types.category, pizza types.name) as a) as b
                                                                                                              revenue
                                                                                     name
where rn <=3;
                                                                                    The Thai Chicken Pizza
                                                                                                             43434.25
                                                                                    The Barbecue Chicken Pizza
                                                                                                             42768
                                                                                    The California Chicken Pizza
                                                                                                             41409.5
                                                                                    The Classic Deluxe Pizza
                                                                                                             38180.5
                                                                                    The Hawaiian Pizza
                                                                                                             32273.25
                                                                                    The Pepperoni Pizza
                                                                                                             30161.75
                                                                                    The Spicy Italian Pizza
                                                                                                             34831.25
                                                                                    The Italian Supreme Pizza
                                                                                                             33476.75
                                                                                    The Sicilian Pizza
                                                                                                             30940.5
                                                                                    The Four Cheese Pizza
                                                                                                             32265.70000000065
                                                                                    The Mexicana Pizza
                                                                                                             26780.75
                                                                                    The Five Cheese Pizza
                                                                                                             26066.5
```

