YOUR LOGO

YOUR SLOGAN

YOUR LOGO

PIZZA TIME!

HELLO

THIS IS SRIKANTH IN THIS PROJECT I HAVE USED SQL QUERIES THAT WERE RELATED TO PIZZA SALES

BY USING VARIOUS FUNCTIONS,SUB QUERIES ETC..

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE

```
CREATE DATABASE PIZZAHUT;
SELECT NAME ,SUM(QUANTITY*PRICE) AS REVENUE
FROM PIZZA_TYPES P JOIN PIZZAS PZ ON
P.PIZZA_TYPE_ID=PZ.PIZZA_TYPE_ID
JOIN ORDER_DETAILS O ON
PZ.PIZZA_ID=O.PIZZA_ID
GROUP BY NAME
ORDER BY REVENUE DESC
LIMIT 3;
```

DETERMINE THE TOP 3 MOST ORDERED PIZZA TYPES BASED ON REVENUE FOR EACH PIZZA CATEGORY.

```
SELECT CATEGORY , ROUND(SUM(QUANTITY*PRICE) / (SELECT
ROUND(SUM(QUANTITY*PRICE),2) AS TOTAL_SALES
FROM  ORDER_DETAILS O JOIN PIZZAS PZ ON
O.PIZZA_ID=PZ.PIZZA_ID)*100,2) AS REVENUE
FROM PIZZA_TYPES P JOIN PIZZAS PZ ON
P.PIZZA_TYPE_ID=PZ.PIZZA_TYPE_ID
JOIN ORDER_DETAILS O ON PZ.PIZZA_ID=O.PIZZA_ID
GROUP BY CATEGORY
ORDER BY REVENUE DESC
LIMIT 3;
```

ANALYZE THE CUMULATIVE REVENUE GENERATED OVER TIME.

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```
SELECT DATE,SUM(REVENUE) OVER (ORDER BY
DATE)AS CUM_REVENUE
FROM
(SELECT DATE ,SUM(QUANTITY*PRICE) AS
REVENUE
FROM ORDER_DETAILS O JOIN PIZZAS P ON
O.PIZZA_ID=P.PIZZA_ID
JOIN ORDERS OD ON O.ORDER_ID=OD.ORDER_ID
GROUP BY DATE) AS SALES;
```

GROUP THE ORDERS BY DATE AND CALCULATE THE AVERAGE NUMBER OF PIZZAS ORDERED PER DAY.

```
SELECT
    O.DATE,
    AVG(OD.TOTAL_QUANTITY) AS
AVERAGE_PIZZAS_PER_DAY
FROM
    ORDERS O
JOIN
    (SELECT ORDER_ID, SUM(QUANTITY) AS
TOTAL_QUANTITY
     FROM ORDER_DETAILS
     GROUP BY ORDER_ID) OD
ON
    O.ORDER_ID = OD.ORDER_ID
GROUP BY
    O.DATE
ORDER BY
    O.DATE;
```

YOUR PARAGRAPH TEXT