PIZZA SALES SQL QUERIES

Table Creation:

```sql
CREATE TABLE pizza_saless (
    pizza_id            INT,
    order_id            INT,
    pizza_name_id       VARCHAR2(25),
    quantity            NUMBER(5),
    order_date          DATE,
    order_time          TIMESTAMP,
    unit_price          BINARY_DOUBLE,
    total_price         BINARY_DOUBLE,
    pizza_size          CHAR(2),
    pizza_category      VARCHAR2(20),
    pizza_ingredients   VARCHAR2(100),
    pizza_name          VARCHAR2(50)
);
```

Table PIZZA_SALESS created.

1.Total Revenue:

```sql
select round(sum(Total_price),2) as Total from Pizza_saless;
```

TOTAL
597988.45

2.Average Order Value:

```sql
select sum(total_price)/count(DISTINCT(order_id)) as Avg_Order from pizza_saless;
```

AVG_ORDER
38.23700044759929

3.Total Pizza Sold:

```sql
select sum(Quantity)as total_pizza_sold from pizza_saless;
```

TOTAL_PIZZA_SOLD
36288

4.Total Orders:

```sql
select count(distinct(order_id))as Total_orders from pizza_saless;
```

TOTAL_ORDERS
15639

5.Average Pizzas per Order:

```sql
select round(sum(quantity)/count(distinct(order_id)),1)as avg_pizza_order from pizza_saless;
```

AVG_PIZZA_ORDER
2.3

6. Daily Trend for Total Orders:

```sql
SELECT
    TO_CHAR(order_date, 'Day') AS order_day,
    COUNT(DISTINCT(order_id)) AS total_orders
FROM
    pizza_saless
GROUP BY
    TO_CHAR(order_date, 'Day');
```

ORDER_DAY	TOTAL_ORDERS
Sunday	1959
Friday	2609
Thursday	2439
Monday	2041
Wednesday	2137
Tuesday	2078
Saturday	2376

7.Houry Trend for Orders:

```sql
SELECT
    TO_CHAR(order_time, 'HH24') AS order_hours,
    COUNT(DISTINCT(order_id)) AS total_orders
FROM
    pizza_saless
GROUP BY
    TO_CHAR(order_time, 'HH24')
ORDER BY
    TO_CHAR(order_time, 'HH24');
```

ORDER_H...	TOTAL_ORDERS
10	8
11	862
12	1862
13	1756
14	1108
15	1051
16	1433
17	1717
18	1791
19	1465
20	1198
21	858
22	507
23	23

8.Percentage Sales by Pizza Category:

```sql
SELECT
    pizza_category,
    round(SUM(total_price) * 100 /(
        SELECT
            SUM(total_price)
        FROM
            pizza_saless
    ), 2) AS total_sales
FROM
    pizza_saless
GROUP BY
    pizza_category;
```

PIZZA_CATEGORY	TOTAL_SALES
Chicken	24
Veggie	23.76
Classic	26.82
Supreme	25.42

9.Percentage Sales by Pizza Size:

```sql
SELECT
    pizza_size,
    round(SUM(total_price) * 100 /(
        SELECT
            SUM(total_price)
        FROM
            pizza_saless
    ), 2) AS total_saless
FROM
    pizza_saless
WHERE
    TO_CHAR(order_date, 'Q') = 1
GROUP BY
    pizza_size
ORDER BY
    total_sales DESC;
```

PIZZA_SIZE	TOTAL_SALESS
L	12.42
M	8.05
S	5.93
XL	0.43

10.Total Pizza Sold by Pizza Category:

```sql
SELECT
    pizza_category,
    SUM(quantity) AS total_pizzas_sold
FROM
    pizza_saless
GROUP BY
    pizza_category
ORDER BY
    total_pizzas_sold DESC;
```

PIZZA_CATEGORY	TOTAL_PIZZAS_SOLD
Classic	10892
Supreme	8765
Veggie	8537
Chicken	8094

11.Top 5 Best Sellers by Total Pizza Sold:

```sql
SELECT
    pizza_name,
    total_pizzas_sold
FROM
    (
        SELECT
            pizza_name,
            SUM(quantity) AS total_pizzas_sold,
            RANK() OVER(
                ORDER BY
                    SUM(quantity) DESC
            ) AS rnk
        FROM
            pizza_saless
        GROUP BY
            pizza_name
    )
WHERE
    rnk <= 5;
```

PIZZA_NAME	TOTAL_PIZZAS_SOLD
The Classic Deluxe Pizza	1796
The Pepperoni Pizza	1793
The Barbecue Chicken Pizza	1773
The Hawaiian Pizza	1752
The Thai Chicken Pizza	1746