SQL Queries: Pizza Sales Analysis

**-- VIEW ALL DATA**

**SELECT** \* **FROM** pizza\_sales;

**-- TOTAL REVENUE**

**SELECT** SUM(total\_price) **AS** total\_revenue **FROM** pizza\_sales;

**-- AVERAGE ORDER VALUE**

**SELECT** SUM(total\_price) / COUNT(DISTINCT order\_id) **AS** avg\_order **FROM** pizza\_sales;

**-- TOTAL PIZZAS SOLD**

**SELECT** SUM(quantity) **AS** total\_pizza\_sold **FROM** pizza\_sales;

**-- TOTAL ORDERS**

**SELECT** COUNT(DISTINCT order\_id) **AS** total\_order **FROM** pizza\_sales;

**-- AVERAGE PIZZAS PER ORDER**

**SELECT** SUM(quantity) / COUNT(DISTINCT order\_id) **AS** avg\_pizzas\_per\_order **FROM** pizza\_sales;

**-- DAILY TREND ON ORDERS**

**SELECT**

DATENAME(WEEKDAY, order\_date) **AS** day\_name,

COUNT(DISTINCT order\_id) **AS** total\_orders

**FROM** pizza\_sales

GROUP BY

DATENAME(WEEKDAY, order\_date),

DATEPART(WEEKDAY, order\_date)

ORDER BY

DATEPART(WEEKDAY, order\_date);

**-- MONTHLY TREND ON ORDERS**

**SELECT**

DATENAME(MONTH, order\_date) **AS** month\_name,

COUNT(DISTINCT order\_id) **AS** total\_orders

**FROM** pizza\_sales

GROUP BY

DATENAME(MONTH, order\_date),

MONTH(order\_date)

ORDER BY

MONTH(order\_date);

**-- TOP 5 PIZZAS BASED ON TOTAL REVENUE**

**SELECT** TOP5 pizza\_name, CAST(SUM(total\_price) **AS** DECIMAL(10,2)) **AS** total\_revenue

**FROM** pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue **DESC;**

**-- BOTTOM 5 PIZZAS BASED ON TOTAL REVENUE**

**SELECT** TOP5 pizza\_name, CAST(SUM(total\_price) **AS** DECIMAL(10,2)) **AS** total\_revenue

**FROM** pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_revenue **ASC;**

**-- TOP 5 PIZZAS BASED ON TOTAL QUANTITY**

**SELECT** TOP5 pizza\_name, SUM(quantity) **AS** total\_quantity

**FROM** pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity **DESC;**

**-- BOTTOM 5 PIZZAS BASED ON TOTAL QUANTITY**

**SELECT TOP** 5 pizza\_name, SUM(quantity) **AS** total\_quantity

**FROM** pizza\_sales

GROUP BY pizza\_name

ORDER BY total\_quantity **ASC;**

-- TOP 5 PIZZAS BASED ON TOTAL ORDER COUNT

**SELECT TOP** 5 pizza\_name, COUNT(DISTINCT order\_id) **AS** total\_order

**FROM** pizza\_sales

GROUP BY pizza\_name;