a. Use EXTRACT(MONTH FROM order_date) for month.

```
mysql> select extract(MONTH from order_date) AS month
    -> from online_sales;
+-------+
| month |
+-------+
|     1 |
|     1 |
|     1 |
|     1 |
|     1 |
|     2 |
|     2 |
|     2 |
|     2 |
|     2 |
|     3 |
|     3 |
|     3 |
|     3 |
|     3 |
|     4 |
|     4 |
|     4 |
|     4 |
|     4 |
|     5 |
|     5 |
|     5 |
|     5 |
|     5 |
|     6 |
|     6 |
|     6 |
|     6 |
|     6 |
|    12 |
|    12 |
|    11 |
|    11 |
|    10 |
+-------+
35 rows in set (0.01 sec)
```

b. GROUP BY year/month.

```
mysql> select EXTRACT(YEAR FROM  order_date) AS year
    -> from online_sales
    -> order by year;
+------+
| year |
+------+
| 2022 |
| 2022 |
| 2022 |
| 2022 |
| 2022 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
| 2023 |
+------+
35 rows in set (0.11 sec)
```

c. Use SUM() for revenue.

```
mysql> select SUM(amount) as MONTHLY_REVENUE
    -> from online_sales;
+-----------------+
| MONTHLY_REVENUE |
+-----------------+
|         8365.50 |
+-----------------+
1 row in set (0.18 sec)
```

d. COUNT(DISTINCT order_id) for volume.

```
mysql> select COUNT(DISTINCT order_id) AS order_volume
    -> from online_sales;
+--------------+
| order_volume |
+--------------+
|           35 |
+--------------+
1 row in set (0.11 sec)
```

e. Use ORDER BY for sorting.

```
mysql> select * from online_sales
    -> order by amount;
+----------+------------+--------+------------+
| order_id | order_date | amount | product_id |
+----------+------------+--------+------------+
|       33 | 2022-11-05 |  75.00 |        103 |
|        3 | 2023-01-18 |  75.50 |        103 |
|        9 | 2023-02-22 |  90.00 |        103 |
|       31 | 2022-12-10 | 100.00 |        101 |
|       19 | 2023-04-20 | 100.00 |        103 |
|       24 | 2023-05-22 | 125.00 |        103 |
|        5 | 2023-01-30 | 125.00 |        104 |
|       14 | 2023-03-20 | 125.00 |        103 |
|        1 | 2023-01-05 | 150.00 |        101 |
|       29 | 2023-06-24 | 150.00 |        103 |
|       35 | 2022-10-08 | 150.00 |        105 |
|       18 | 2023-04-15 | 150.00 |        101 |
|       12 | 2023-03-12 | 175.00 |        105 |
|       23 | 2023-05-18 | 175.00 |        101 |
|        6 | 2023-02-03 | 180.00 |        102 |
|        2 | 2023-01-12 | 200.00 |        102 |
|       16 | 2023-04-02 | 200.00 |        102 |
|       28 | 2023-06-18 | 200.00 |        101 |
|       32 | 2022-12-15 | 200.00 |        102 |
|        7 | 2023-02-10 | 220.00 |        105 |
|       21 | 2023-05-03 | 225.00 |        102 |
|       11 | 2023-03-05 | 250.00 |        102 |
|       26 | 2023-06-05 | 250.00 |        102 |
|       34 | 2022-11-20 | 250.00 |        104 |
|       17 | 2023-04-08 | 275.00 |        105 |
|        4 | 2023-01-25 | 300.00 |        101 |
|       13 | 2023-03-15 | 300.00 |        101 |
|       22 | 2023-05-10 | 325.00 |        105 |
|        8 | 2023-02-14 | 350.00 |        101 |
|       27 | 2023-06-12 | 375.00 |        105 |
|       10 | 2023-02-28 | 400.00 |        104 |
|       15 | 2023-03-25 | 450.00 |        104 |
|       20 | 2023-04-29 | 500.00 |        104 |
|       25 | 2023-05-30 | 550.00 |        104 |
|       30 | 2023-06-30 | 600.00 |        104 |
+----------+------------+--------+------------+
35 rows in set (0.11 sec)
```

f. Limit results for specific time periods.

```
mysql> select * from online_sales
    -> where EXTRACT(YEAR from order_date) = 2022;
+----------+------------+--------+------------+
| order_id | order_date | amount | product_id |
+----------+------------+--------+------------+
|       31 | 2022-12-10 | 100.00 |        101 |
|       32 | 2022-12-15 | 200.00 |        102 |
|       33 | 2022-11-05 |  75.00 |        103 |
|       34 | 2022-11-20 | 250.00 |        104 |
|       35 | 2022-10-08 | 150.00 |        105 |
+----------+------------+--------+------------+
5 rows in set (0.12 sec)
```