Query 1 : Monthly Revenue + Order Volume

```
SELECT
   date AS order_year , date AS order_month , Price AS total_revenue,
   COUNT(DISTINCT TransactionNo) AS total_orders
FROM "Sales Transaction v"
GROUP BY date, Price
ORDER BY order_year, order_month;
```

SQL 1*

```
SELECT
    date AS order_year,
    date AS order_month,
    Price AS total_revenue,
    COUNT(DISTINCT TransactionNo) AS total_orders
FROM "Sales Transaction v"
GROUP BY date, Price
ORDER BY order_year, order_month;
```

| | order_year | order_month | total_revenue | total_orders |
|---|---|---|---|---|
| 1 | 1/10/2019 | 1/10/2019 | 5.97 | 3 |
| 2 | 1/10/2019 | 1/10/2019 | 6.13 | 7 |
| 3 | 1/10/2019 | 1/10/2019 | 6.41 | 3 |
| 4 | 1/10/2019 | 1/10/2019 | 7.29 | 2 |
| 5 | 1/10/2019 | 1/10/2019 | 10.35 | 1 |
| 6 | 1/10/2019 | 1/10/2019 | 10.41 | 1 |
| 7 | 1/10/2019 | 1/10/2019 | 10.44 | 5 |
| 8 | 1/10/2019 | 1/10/2019 | 10.47 | 5 |
| 9 | 1/10/2019 | 1/10/2019 | 10.55 | 4 |
| 10 | 1/10/2019 | 1/10/2019 | 10.58 | 1 |
| 11 | 1/10/2019 | 1/10/2019 | 10.62 | 2 |

```
Execution finished without errors.
Result: 26794 rows returned in 1443ms
At line 1:
SELECT
    date AS order_year,
    date AS order_month,
    Price AS total_revenue,
    COUNT(DISTINCT TransactionNo) AS total_orders
FROM "Sales Transaction v"
GROUP BY date, Price
ORDER BY order_year, order_month;
```

Query 2 : Replace Date with Exact

```
SELECT
    date AS order_year , date AS order_month , sum (Price) AS total_revenue,
   COUNT(DISTINCT TransactionNo) AS total_orders
FROM "Sales Transaction v"
GROUP BY order_year, order_month
ORDER BY order_year, order_month;
```

```
9
10    SELECT
11        date AS order_year,
12        date AS order_month,
13       sum (Price) AS total_revenue,
14       COUNT(DISTINCT TransactionNo) AS total_orders
15    FROM "Sales Transaction v"
16    GROUP BY order_year, order_month
17    ORDER BY order_year, order_month;
```

| | order_year | order_month | total_revenue | total_orders |
|---|---|---|---|---|
| 1 | 1/10/2019 | 1/10/2019 | 55808.2 | 44 |
| 2 | 1/11/2019 | 1/11/2019 | 38572.2 | 78 |
| 3 | 1/12/2019 | 1/12/2019 | 52028.16 | 59 |
| 4 | 1/13/2019 | 1/13/2019 | 39813.6 | 50 |
| 5 | 1/14/2019 | 1/14/2019 | 40400.7 | 56 |
| 6 | 1/16/2019 | 1/16/2019 | 16479.88 | 29 |
| 7 | 1/17/2019 | 1/17/2019 | 69897.5 | 53 |
| 8 | 1/18/2019 | 1/18/2019 | 39172.22 | 48 |
| 9 | 1/19/2019 | 1/19/2019 | 36673.22 | 40 |
| 10 | 1/20/2019 | 1/20/2019 | 39070.24 | 47 |
| 11 | 1/21/2019 | 1/21/2019 | 43381.34 | 61 |

```
Execution finished without errors.
Result: 305 rows returned in 1206ms
At line 10:
SELECT
     date AS order_year,
     date AS order_month,
    sum (Price) AS total_revenue,
    COUNT(DISTINCT TransactionNo) AS total_orders
FROM "Sales Transaction v"
GROUP BY order_year, order_month
ORDER BY order_year, order_month;
```

Query 3 :Filter for a Distinct transactionNo

```
SELECT
    date AS order_month,
    SUM(Price) AS total_revenue,
    COUNT(DISTINCT TransactionNo) AS total_orders
FROM "sales Transaction v"
GROUP BY order_month
ORDER BY order_month;
```

```
19
20      SELECT
21          date AS order_month,
22          SUM(Price) AS total_revenue,
23          COUNT(DISTINCT TransactionNo) AS total_orders
24      FROM "sales Transaction v"
25      GROUP BY order_month
26      ORDER BY order_month;
27
```

| | order_month | total_revenue | total_orders |
|---|---|---|---|
| 1 | 1/10/2019 | 55808.2 | 44 |
| 2 | 1/11/2019 | 38572.2 | 78 |
| 3 | 1/12/2019 | 52028.16 | 59 |
| 4 | 1/13/2019 | 39813.6 | 50 |
| 5 | 1/14/2019 | 40400.7 | 56 |
| 6 | 1/16/2019 | 16479.88 | 29 |
| 7 | 1/17/2019 | 69897.5 | 53 |
| 8 | 1/18/2019 | 39172.22 | 48 |
| 9 | 1/19/2019 | 36673.22 | 40 |
| 10 | 1/20/2019 | 39070.24 | 47 |
| 11 | 1/21/2019 | 43381.34 | 61 |

```
Execution finished without errors.
Result: 305 rows returned in 878ms
At line 20:
SELECT
    date AS order_month,
    SUM(Price) AS total_revenue,
    COUNT(DISTINCT TransactionNo) AS total_orders
FROM "sales Transaction v"
GROUP BY order_month
ORDER BY order_month;
```