

```
-- extract a month,year
select month(order_date) as Month from Online_sales;
select year(order_date) as Year from Online_sales order by amount asc
select format(order_date,'dd-MM-yyyy')as Day_format from Online_sales
```

110 %

Results Messages

	Year
1	2023
2	2022
3	2023
4	2025
5	2025
6	2022
7	2022
8	2025

	Day_format
1	31-01-2024
2	19-10-2023

✓ Query executed successfully.

-- Group by, Order by

```
select year(order_date) as groupby_year from Online_sales group by year(order_date)
```

```
select month(order_date) as groupby_month from Online_sales group by month(order_date)
```

```
= select year(order_date) as order_year, month(order_date) as order_month from Online_sales  
group by year(order_date), month(order_date) order by order_month, order_year
```

10 %

Results Messages

	groupby_year
1	2022
2	2023
3	2024
4	2025

	groupby_month
1	1
2	2
3	3
4	4
5	5
6	6

Query executed successfully.

DESK

```
select * from Online_sales order by order_date asc
select * from Online_sales order by revenue desc
```

10 %

Results Messages

	order_date	amount	product_id	revenue	order_id
1	2022-01-01	1040	4067	1934	65-2022928
2	2022-01-04	2188	2854	3738	88-8436664
3	2022-01-09	2357	7150	3466	46-1054213
4	2022-01-23	2234	1726	2809	56-7910696
5	2022-01-24	2105	3719	2599	82-0533747
6	2022-01-26	1757	9232	2472	95-8015610
7	2022-01-29	3434	7809	4530	35-1705563
8	2022-02-08	4813	4695	5748	61-7521706

	order_date	amount	product_id	revenue	order_id
1	2024-02-13	4687	2409	6636	81-7970957
2	2022-05-25	4644	1545	6601	00-3338378

✓ Query executed successfully.

```
--sum
```

```
select sum(revenue) as Total_Revenue from Online_sales
```

```
select sum(amount) as Total_Amount from Online_sales
```

110 %

Results Messages

	Total_Revenue
1	1910700

	Total_Amount
1	1408032

✓ Query executed successfully.

```
--count
```

```
select count(order_id) as Total from Online_sales
```

```
select count(distinct order_id) as Total_values from Online_sales
```

```
select count(product_id) as Total_products from Online_sales
```

110 %

Results Messages

	Total
1	500

	Total_values
1	499

✓ Query executed successfully.



--top

```
select top(5) format(order_date, 'MM-yyyy') as Month_format from Online_sales
```

```
select top(5) datename(month, order_date) as month from Online_sales
```

```
select top(100) * from Online_sales order by amount asc
```

```
select top(10) * from Online_sales order by product_id desc
```

```
select top(50) * from Online_sales where year(order_date) > 2023
```

110 %

Results Messages

	Month_format
1	01-2024
2	10-2023
3	09-2025
4	10-2023
5	09-2022

	month
1	January
2	October
3	September
4	October
5	September

✓ Query executed successfully.