





```
1 • SELECT * FROM sales.online_sales_orders;
2
3
4
5
```

Result Grid   Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 								
	order_id	order_date	product_id	customer_id	category	amount	payment_method	status
▶	ORD1907	2023-01-23	PROD46	CUST70	Sports	218.54	Debit Card	Completed
	ORD1834	2023-09-08	PROD47	CUST39	Clothing	477.82	PayPal	Pending
	ORD1943	2024-01-24	PROD34	CUST124	Beauty	379.4	Cash on Delivery	Cancelled
	ORD1505	2024-06-11	PROD14	CUST81	Clothing	319.4	PayPal	Completed
	ORD1446	2024-02-17	PROD10	CUST199	Sports	120.21	Debit Card	Completed
	ORD1621	2024-12-06	PROD21	CUST138	Sports	120.2	Cash on Delivery	Cancelled
	ORD1676	2023-11-19	PROD18	CUST46	Electronics	76.14	PayPal	Completed
	ORD1632	2024-04-11	PROD37	CUST30	Sports	439.78	Debit Card	Completed
	ORD1817	2023-03-29	PROD22	CUST131	Electronics	320.5	Credit Card	Cancelled
	ORD1430	2023-09-06	PROD43	CUST60	Beauty	368.63	Debit Card	Cancelled
	ORD1393	2024-11-14	PROD37	CUST184	Clothing	59.26	Credit Card	Cancelled
	ORD1562	2023-05-21	PROD44	CUST154	Clothing	486.46	PayPal	Cancelled
	ORD1984	2023-01-24	PROD6	CUST192	Electronics	424.6	Cash on Delivery	Pending
	ORD1441	2024-01-31	PROD13	CUST129	Clothing	145.55	Cash on Delivery	Cancelled
	ORD1428	2024-09-15	PROD13	CUST173	Sports	131.82	PayPal	Pending
	ORD1491	2024-09-05	PROD20	CUST10	Home	132.53	Cash on Delivery	Pending
	ORD1161	2024-01-11	PROD34	CUST48	Electronics	186.91	Cash on Delivery	Pending
	ORD1387	2024-05-08	PROD16	CUST103	Clothing	286.14	Credit Card	Completed
	ORD1238	2024-06-02	PROD37	CUST114	Electronics	244.38	PayPal	Pending
	ORD1954	2023-08-06	PROD42	CUST92	Electronics	181.05	Debit Card	Pending
	ORD1452	2023-09-13	PROD21	CUST125	Home	325.33	Credit Card	Completed
	ORD1740	2023-01-18	PROD24	CUST145	Sports	112.77	PayPal	Completed
	ORD1946	2024-11-30	PROD8	CUST49	Electronics	181.47	Credit Card	Completed
	ORD1844	2024-03-04	PROD3	CUST174	Clothing	214.86	Debit Card	Cancelled
	ORD1058	2023-10-01	PROD29	CUST120	Beauty	255.23	Debit Card	Completed
	ORD1140	2024-12-20	PROD3	CUST200	Electronics	402.22	PayPal	Completed

online\_sales\_orders 19 x

22  `// Orders by a Specific Customer`

23

24 `SELECT * FROM sales.online_sales_orders`

25 `WHERE customer_id = 'CUST50';`

26

Result Grid



Filter Rows:



Export:



Wrap Cell Content:



	order_id	order_date	product_id	customer_id	category	amount	payment_method	status
▶	ORD1058	2024-08-17	PROD21	CUST50	Home	263.06	PayPal	Completed
	ORD1420	2023-01-11	PROD1	CUST50	Home	58.2	PayPal	Completed

```
31   Count Orders by Payment Method
32
33 SELECT payment_method, COUNT(*) AS total_orders
34 FROM sales.online_sales_orders
35 GROUP BY payment_method;
36
```

Result Grid



Filter Rows:

Export:







Wrap Cell C

	payment_method	total_orders
▶	Debit Card	157
	PayPal	144
	Cash on Delivery	152
	Credit Card	147

```

52
53 // Monthly Revenue and Order Volume
54 SELECT
55     EXTRACT(YEAR FROM order_date) AS year,
56     EXTRACT(MONTH FROM order_date) AS month,
57     SUM(amount) AS monthly_revenue,
58     COUNT(DISTINCT order_id) AS order_volume
59 FROM sales.online_sales_orders
60 GROUP BY year, month
61 ORDER BY year ASC, month ASC;

```

Result Grid   Filter Rows:  | Export:  | Wrap Cell Content: 

	year	month	monthly_revenue	order_volume
►	2023	1	7548.349999999999	27
	2023	2	5766.810000000001	19
	2023	3	9164.16	28
	2023	4	6306.019999999995	23
	2023	5	8950.640000000001	28
	2023	6	6019.319999999999	24
	2023	7	5568.53	20
	2023	8	7533.479999999998	26
	2023	9	5325.18	18
	2023	10	6760.22	28
	2023	11	6608.35	23
	2023	12	6072.67	22
	2024	1	8449.769999999999	30
	2024	2	8195.619999999999	27
	2024	3	7332.760000000001	24
	2024	4	6380.88	22
	2024	5	5339.129999999999	17
	2024	6	8326.56	25
	2024	7	8653.489999999998	32

63

64  `-- Top 3 Months by Sales`

65 `SELECT`

66  `EXTRACT(YEAR FROM order_date) AS year,`

67  `EXTRACT(MONTH FROM order_date) AS month,`

68  `SUM(amount) AS monthly_revenue`

69 `FROM sales.online_sales_orders`

70 `GROUP BY year, month`

71 `ORDER BY monthly_revenue DESC`

72 `LIMIT 3;`

73

74

Result Grid



Filter Rows:

Export:



Wrap


	year	month	monthly_revenue
▶	2023	3	9164.16
	2023	5	8950.640000000001
	2024	7	8653.489999999998





```

75 // Monthly Revenue by Category
76
77 SELECT
78     EXTRACT(YEAR FROM order_date) AS year,
79     EXTRACT(MONTH FROM order_date) AS month,
80     category,
81     SUM(amount) AS category_revenue
82 FROM sales.online_sales_orders
83 GROUP BY year, month, category
84 ORDER BY year, month, category;
85
86 // Order Volume by Payment Method

```

Result Grid   Filter Rows:  Export:  Wrap Cell Content: 

	year	month	category	category_revenue
▶	2023	1	Beauty	1576.16
	2023	1	Clothing	1850.73
	2023	1	Electronics	1477
	2023	1	Home	1112.82
	2023	1	Sports	1531.6399999999999
	2023	2	Beauty	563.4
	2023	2	Clothing	790.6500000000001
	2023	2	Electronics	1462.8
	2023	2	Home	1376.5900000000001
	2023	2	Sports	1573.3700000000001
	2023	3	Beauty	943.3000000000001
	2023	3	Clothing	2642.7
	2023	3	Electronics	2475.99
	2023	3	Home	2189.37
	2023	3	Sports	912.8
	2023	4	Beauty	491.05
	2023	4	Clothing	680.1899999999999

95   Completed Orders Monthly Trend

96

97 **SELECT**

98     EXTRACT(YEAR FROM order\_date) AS year,

99     EXTRACT(MONTH FROM order\_date) AS month,

100     COUNT(DISTINCT order\_id) AS completed\_orders

101 **FROM** sales.online\_sales\_orders

102 **WHERE** status = 'Completed'

103 **GROUP BY** year, month

104 **ORDER BY** year ASC, month ASC;

105

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	year	month	completed_orders
▶	2023	1	11
	2023	2	8
	2023	3	8
	2023	4	10
	2023	5	13
	2023	6	8
	2023	7	5
	2023	8	11
	2023	9	5
	2023	10	14
	2023	11	7
	2023	12	7
	2024	1	14
	2024	2	8
	2024	3	13
	2024	4	8
	2024	5	6

86  `-- Order Volume by Payment Method`

87

88 `SELECT`

89 `payment_method,`

90 `COUNT(DISTINCT order_id) AS total_orders`

91 `FROM sales.online_sales_orders`

92 `GROUP BY payment_method`

93 `ORDER BY total_orders DESC;`

94

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	payment_method	total_orders
►	Debit Card	146
	Credit Card	139
	Cash on Delivery	138
	PayPal	134



```

75 // Monthly Revenue by Category
76
77 SELECT
78     EXTRACT(YEAR FROM order_date) AS year,
79     EXTRACT(MONTH FROM order_date) AS month,
80     category,
81     SUM(amount) AS category_revenue
82 FROM sales.online_sales_orders
83 GROUP BY year, month, category
84 ORDER BY year, month, category;
85

```

Result Grid   Filter Rows:  Export:  Wrap Cell Content: 

	year	month	category	category_revenue
▶	2023	1	Beauty	1576.16
	2023	1	Clothing	1850.73
	2023	1	Electronics	1477
	2023	1	Home	1112.82
	2023	1	Sports	1531.6399999999999
	2023	2	Beauty	563.4
	2023	2	Clothing	790.6500000000001
	2023	2	Electronics	1462.8
	2023	2	Home	1376.5900000000001
	2023	2	Sports	1573.3700000000001
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	2023	3	Clothing	2642.7
	2023	3	Electronics	2475.99
	2023	3	Home	2189.37
	2023	3	Sports	912.8
	2023	4	Beauty	491.05
	2023	4	Clothing	680.1899999999999

47   Count Total Orders by Status

48

49 `SELECT status, COUNT(*) AS count`

50 `FROM sales.online_sales_orders`

51 `GROUP BY status;`

52

Result Grid



Filter Rows:

Export:



	status	count
▶	Completed	215
	Pending	209
	Cancelled	176