

CREATE DATABASE TASK6

SELECT * FROM SALES AS A

148 %

Results Messages

ORDERNUMBER	QUANTITYORDERED	PRICEEACH	ORDERLINENUMBER	SALES	ORDERDATE	STATUS	QTR_ID	MONTH_ID	YEAR_ID	PRODUCTID
1	30	95.6999969482422	2	2871	2003-02-24 00:00:00.0000000	Shipped	1	2	2003	Motorcycles
2	34	81.3499984741211	5	2765.89990234375	2003-05-07 00:00:00.0000000	Shipped	2	5	2003	Motorcycles
3	41	94.7399978637695	2	3884.34008789063	2003-07-01 00:00:00.0000000	Shipped	3	7	2003	Motorcycles
4	45	83.2600021362305	6	3746.69995117188	2003-08-25 00:00:00.0000000	Shipped	3	8	2003	Motorcycles
5	49	100	14	5205.27001953125	2003-10-10 00:00:00.0000000	Shipped	4	10	2003	Motorcycles
6	36	96.6600036621094	1	3479.76000976563	2003-10-28 00:00:00.0000000	Shipped	4	10	2003	Motorcycles
7	29	86.129997253418	9	2497.77001953125	2003-11-11 00:00:00.0000000	Shipped	4	11	2003	Motorcycles
8	48	100	1	5512.31982421875	2003-11-18 00:00:00.0000000	Shipped	4	11	2003	Motorcycles
9	22	98.5699996948242	2	2168.5400390625	2003-12-01 00:00:00.0000000	Shipped	4	12	2003	Motorcycles
10	41	100	14	4139.43994140625	2004-01-15 00:00:00.0000000	Shipped	1	1	2004	Motorcycles
11	37	100	1	3965.65991210938	2004-02-20 00:00:00.0000000	Shipped	1	2	2004	Motorcycles
12	23	100	7	2333.1201171875	2004-04-05 00:00:00.0000000	Shipped	2	4	2004	Motorcycles
13	28	100	2	3188.63989257813	2004-05-18 00:00:00.0000000	Shipped	2	5	2004	Motorcycles
14	34	100	2	3676.76000976563	2004-06-28 00:00:00.0000000	Shipped	2	6	2004	Motorcycles
15	45	92.8300018310547	1	4177.35009765625	2004-07-23 00:00:00.0000000	Shipped	3	7	2004	Motorcycles
16	36	100	6	4099.68017578125	2004-08-27 00:00:00.0000000	Shipped	3	8	2004	Motorcycles
17	23	100	9	2597.38989257813	2004-09-30 00:00:00.0000000	Shipped	3	9	2004	Motorcycles
18	41	100	5	4394.3798828125	2004-10-15 00:00:00.0000000	Shipped	4	10	2004	Motorcycles
19	46	94.7399978637695	1	4358.0400390625	2004-11-02 00:00:00.0000000	Shipped	4	11	2004	Motorcycles
20	42	100	1	4396.14013671875	2004-11-15 00:00:00.0000000	Shipped	4	11	2004	Motorcycles
21	41	100	9	7737.93017578125	2004-11-24 00:00:00.0000000	Shipped	4	11	2004	Motorcycles
22	20	72.5500030517578	13	1451	2004-12-17 00:00:00.0000000	Shipped	4	12	2004	Motorcycles
23	21	34.809998474121	12	733.109985351563	2005-02-03 00:00:00.0000000	Shipped	1	2	2005	Motorcycles
24	42	76.3600006103516	4	3207.1201171875	2005-03-03 00:00:00.0000000	Shipped	1	3	2005	Motorcycles
25	24	100	7	2434.56005859375	2005-04-08 00:00:00.0000000	Shipped	2	4	2005	Motorcycles
26	66	100	2	7516.080078125	2005-05-13 00:00:00.0000000	Disput.	2	5	2005	Motorcycles
27	26	100	11	6404.6201171875	2003-01-29 00:00:00.0000000	Shipped	1	1	2003	Classic Cars
28	29	100	1	7209.10986328125	2003-03-24 00:00:00.0000000	Shipped	1	3	2003	Classic Cars
29	38	100	11	7329.06005859375	2003-05-28 00:00:00.0000000	Shipped	2	5	2003	Classic Cars
30	37	100	11	7374.10009765625	2003-07-24 00:00:00.0000000	Shipped	3	7	2003	Classic Cars

Query executed successfully.

TASK6.sql - DESKTOP\SHREYA (54)

```
-- Use EXTRACT(MONTH FROM order_date) for month.  
-- GROUP BY year/month.  
-- Use ORDER BY for sorting.  
SELECT MONTH(A.ORDERDATE) AS order_month, COUNT(*) AS total_orders  
FROM SALES AS A  
GROUP BY MONTH(A.ORDERDATE)  
ORDER BY order_month;
```

148 %

Results Messages

	order_month	total_orders
1	1	229
2	2	224
3	3	212
4	4	178
5	5	252
6	6	131
7	7	141
8	8	191
9	9	171
10	10	317
11	11	597
12	12	180

TASK6.sql - DESKTOP\SHREYA (54)

```
GROUP BY MONTH(A.ORDERDATE)
ORDER BY order_month;
```

```
-- Use SUM() for revenue.
```

```
SELECT SUM(A.SALES) AS revenue
FROM SALES AS A
```

148 %

Results Messages

revenue

1	10032628.8493042
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```
-- COUNT(DISTINCT order_id) for volume.
-- Limit results for specific time periods.
SELECT COUNT(DISTINCT A.ORDERLINENUMBER) AS distinct_order_id
FROM SALES AS A;
```

148 %

distinct_order_id
1
18

FROM SALES AS A;

-- Limit results for specific time periods.

SELECT * FROM SALES AS A

WHERE A.ORDERDATE > '2004-11-05 00:00:00.0000000'

148 %

Results Messages

ORDERNUMBER	QUANTITYORDERED	PRICEEACH	ORDERLINENUMBER	SALES	ORDERDATE	STATUS	QTR_ID	MONTH_ID	YEAR_ID	PRODUCTLINE
10329	42	100	1	4396.14013671875	2004-11-15 00:00:00.0000000	Shipped	4	11	2004	Motorcycles
10341	41	100	9	7737.93017578125	2004-11-24 00:00:00.0000000	Shipped	4	11	2004	Motorcycles
10361	20	72.5500030517578	13	1451	2004-12-17 00:00:00.0000000	Shipped	4	12	2004	Motorcycles
10375	21	34.9099998474121	12	733.109985351563	2005-02-03 00:00:00.0000000	Shipped	1	2	2005	Motorcycles
10388	42	76.36000006103516	4	3207.1201171875	2005-03-03 00:00:00.0000000	Shipped	1	3	2005	Motorcycles
10403	24	100	7	2434.56005859375	2005-04-08 00:00:00.0000000	Shipped	2	4	2005	Motorcycles
10417	66	100	2	7516.080078125	2005-05-13 00:00:00.0000000	Disputed	2	5	2005	Motorcycles
10333	26	100	3	3003	2004-11-18 00:00:00.0000000	Shipped	4	11	2004	Classic Cars
10347	30	100	1	3944.69995117188	2004-11-29 00:00:00.0000000	Shipped	4	11	2004	Classic Cars
10357	32	100	10	5691.83984375	2004-12-10 00:00:00.0000000	Shipped	4	12	2004	Classic Cars
10369	41	100	2	4514.919921875	2005-01-20 00:00:00.0000000	Shipped	1	1	2005	Classic Cars
10381	36	100	3	8254.7998046875	2005-02-17 00:00:00.0000000	Shipped	1	2	2005	Classic Cars
10391	24	100	4	2416.56005859375	2005-03-09 00:00:00.0000000	Shipped	1	3	2005	Classic Cars
10411	23	100	9	4140.22998046875	2005-05-01 00:00:00.0000000	Shipped	2	5	2005	Classic Cars
10424	50	100	6	12001	2005-05-31 00:00:00.0000000	In Process	2	5	2005	Classic Cars
10329	20	100	2	3176	2004-11-15 00:00:00.0000000	Shipped	4	11	2004	Motorcycles
10339	40	68.9199981689453	4	2756.80004882813	2004-11-23 00:00:00.0000000	Shipped	4	11	2004	Motorcycles
10361	26	51.1500015258789	8	1329.90002441406	2004-12-17 00:00:00.0000000	Shipped	4	12	2004	Motorcycles
10374	39	100	5	5288.009765625	2005-02-02 00:00:00.0000000	Shipped	1	2	2005	Motorcycles
10388	50	44.5099983215332	5	2225.5	2005-03-03 00:00:00.0000000	Shipped	1	3	2005	Motorcycles
10402	45	100	1	5833.7998046875	2005-04-07 00:00:00.0000000	Shipped	2	4	2005	Motorcycles
10417	45	100	5	5887.35009765625	2005-05-13 00:00:00.0000000	Disputed	2	5	2005	Motorcycles
10329	26	100	3	5868.2001953125	2004-11-15 00:00:00.0000000	Shipped	4	11	2004	Motorcycles
10339	39	76.6699981689453	3	2990.1298828125	2004-11-23 00:00:00.0000000	Shipped	4	11	2004	Motorcycles
10362	22	100	4	3664.10009765625	2005-01-05 00:00:00.0000000	Shipped	1	1	2005	Motorcycles

Query executed successfully.

DESKTOP-PS2COKD\SQLEXPRESSO... DESKTOP-PS2COKD\SHIREYA... TASK6 00:00:00 785 rows

Ln 23

Col 50

Ch 50

INS