

saleco\_dw/postgres@NW

No limit

Query Query History

```

1  /* 1. Write and execute the SQL command to list the total sales by region
2  and customer. Your output should be sorted by region and customer. */
3  SELECT dwregion.reg_name, cus_lname, cus_fname,
4  SUM(sale_units*sale_price) AS total_sales
5  FROM dwcustomer
6  JOIN dwregion ON dwcustomer.reg_id = dwregion.reg_id
7  JOIN dwdaysalesfact ON dwcustomer.cus_code = dwdaysalesfact.cus_code
8  GROUP BY dwregion.reg_name, reg_name, cus_lname, cus_fname
9  ORDER BY reg_name, cus_lname, cus_fname;

```

Data Output Messages Notifications

	reg_name character varying (10)	cus_lname character varying (15)	cus_fname character varying (15)	total_sales numeric
1	NE	Olowski	Paul	64.32
2	NE	Smith	Kathy	287.91
3	NW	Orlando	Myron	494.71
4	NW	Smith	Olette	39.95
5	SE	Brown	James	179.22
6	SE	Dunne	Leona	130.89
7	SE	O'Brian	Amy	325.82
8	SE	Ramas	Alfred	180.26
9	SW	Farriss	Anne	129.32
10	SW	Williams	George	419.66

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Query Query History

```

1  /* 2. Write and execute the SQL command to list the total
2  sales by customer, month, and product. */
3  SELECT cus_lname, cus_fname, tm_month, p_descript,
4  SUM(sale_units*sale_price) AS total_sales
5  FROM dwcustomer
6  JOIN dwdaysalesfact ON dwdaysalesfact.cus_code = dwcustomer.cus_code
7  JOIN dwtime ON dwdaysalesfact.tm_id = dwtime.tm_id
8  JOIN dwproduct ON dwdaysalesfact.p_code = dwproduct.p_code
9  GROUP BY cus_lname, cus_fname, tm_month, p_descript
10 ORDER BY cus_lname, cus_fname, tm_month, p_descript;

```

Data Output Messages Notifications

	cus_lname character varying (15)	cus_fname character varying (15)	tm_month integer	p_descript character varying (35)	total_sales numeric
1	Brown	James	9	7.25-in. pwr. saw blade	104.93
2	Brown	James	9	Hrd. cloth, 1/4-in., 2x50	39.95
3	Brown	James	9	PVC pipe, 3.5-in., 8-ft	29.35
4	Brown	James	9	Rat-tail file, 1/8-in. fine	4.99
5	Dunne	Leona	10	1.25-in. metal screw, 25	20.97
6	Dunne	Leona	10	B\&D jigsaw, 12-in. bla...	109.92
7	Farriss	Anne	9	B\&D cordless drill, 1/2...	38.95
8	Farriss	Anne	9	Claw hammer	9.95
9	Farriss	Anne	9	PVC pipe, 3.5-in., 8-ft	70.44

Total rows: 34 of 34 Query complete 00:00:00.755

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Data Output Messages Notifications



	cus_lname character varying (15)	cus_fname character varying (15)	tm_month integer	p_descript character varying (35)	total_sales numeric
10	Farriss	Anne	9	Rat-tail file, 1/8-in. fine	9.98
11	O'Brian	Amy	9	B\&D cordless drill, 1/2...	38.95
12	O'Brian	Amy	9	Claw hammer	9.95
13	O'Brian	Amy	9	Hicut chain saw, 16 in.	256.99
14	O'Brian	Amy	9	Rat-tail file, 1/8-in. fine	9.98
15	O'Brian	Amy	10	Claw hammer	9.95
16	Olowski	Paul	10	7.25-in. pwr. saw blade	29.98
17	Olowski	Paul	10	PVC pipe, 3.5-in., 8-ft	29.35
18	Olowski	Paul	10	Rat-tail file, 1/8-in. fine	4.99
19	Orlando	Myron	9	7.25-in. pwr. saw blade	14.99
20	Orlando	Myron	9	B\&D jigsaw, 12-in. bla...	109.92
21	Orlando	Myron	9	Claw hammer	9.95
22	Orlando	Myron	10	Steel matting, 4'x8'x1/...	359.85
23	Ramas	Alfred	10	7.25-in. pwr. saw blade	74.95
24	Ramas	Alfred	10	Claw hammer	19.90
25	Ramas	Alfred	10	PVC pipe, 3.5-in., 8-ft	70.44
26	Ramas	Alfred	10	Rat-tail file, 1/8-in. fine	14.97
27	Smith	Kathy	9	1.25-in. metal screw, 25	20.97
28	Smith	Kathy	10	Claw hammer	9.95
29	Smith	Kathy	10	Hicut chain saw, 16 in.	256.99
30	Smith	Olette	9	Hrd. cloth, 1/4-in., 2x50	39.95
31	Williams	George	9	7.25-in. pwr. saw blade	14.99
32	Williams	George	9	Claw hammer	29.85

Data Output Messages Notifications



	cus_lname character varying (15)	cus_fname character varying (15)	tm_month integer	p_descript character varying (35)	total_sales numeric
11	O'Brian	Amy	9	B\&D cordless drill, 1/2...	38.95
12	O'Brian	Amy	9	Claw hammer	9.95
13	O'Brian	Amy	9	Hicut chain saw, 16 in.	256.99
14	O'Brian	Amy	9	Rat-tail file, 1/8-in. fine	9.98
15	O'Brian	Amy	10	Claw hammer	9.95
16	Olowski	Paul	10	7.25-in. pwr. saw blade	29.98
17	Olowski	Paul	10	PVC pipe, 3.5-in., 8-ft	29.35
18	Olowski	Paul	10	Rat-tail file, 1/8-in. fine	4.99
19	Orlando	Myron	9	7.25-in. pwr. saw blade	14.99
20	Orlando	Myron	9	B\&D jigsaw, 12-in. bla...	109.92
21	Orlando	Myron	9	Claw hammer	9.95
22	Orlando	Myron	10	Steel matting, 4'x8'x1/...	359.85
23	Ramas	Alfred	10	7.25-in. pwr. saw blade	74.95
24	Ramas	Alfred	10	Claw hammer	19.90
25	Ramas	Alfred	10	PVC pipe, 3.5-in., 8-ft	70.44
26	Ramas	Alfred	10	Rat-tail file, 1/8-in. fine	14.97
27	Smith	Kathy	9	1.25-in. metal screw, 25	20.97
28	Smith	Kathy	10	Claw hammer	9.95
29	Smith	Kathy	10	Hicut chain saw, 16 in.	256.99
30	Smith	Olette	9	Hrd. cloth, 1/4-in., 2x50	39.95
31	Williams	George	9	7.25-in. pwr. saw blade	14.99
32	Williams	George	9	Claw hammer	29.85
33	Williams	George	9	Rat-tail file, 1/8-in. fine	14.97
34	Williams	George	9	Steel matting, 4'x8'x1/...	359.85



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Query Query History

```
1 /* 4. Write and execute the SQL command to list the
2 total sales by month and product category. Your output
3 should be sorted by month and product category. */
4 SELECT tm_month, p_category, SUM(sale_units*sale_price) AS total_sales
5 FROM dwdaysalesfact
6 JOIN dwproduct ON dwdaysalesfact.p_code = dwproduct.p_code
7 JOIN dwtime ON dwdaysalesfact.tm_id = dwtime.tm_id
8 GROUP BY tm_month, p_category
9 ORDER BY tm_month, p_category;
```

Data Output Messages Notifications

	tm_month integer	p_category character varying (5)	total_sales numeric
1	9	CAT1	174.83
2	9	CAT2	446.81
3	9	CAT3	537.54
4	9	CAT4	80.67
5	10	CAT1	124.89
6	10	CAT2	366.91
7	10	CAT3	459.64
8	10	CAT4	60.77

Dashboard Properties SQL Statistics Dependencies Dependents Processes saleco\_dw/postgres@NW\*

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Query Query History

```
1 /* 5. Write and execute the SQL command to list the
2 total sales by month and product category. Your output
3 should be sorted by month and product category. */
4 SELECT tm_month, COUNT(sale_units) AS num_sales,
5 SUM(sale_units*sale_price) AS total_sales
6 FROM dwdaysalesfact
7 JOIN dwtime ON dwdaysalesfact.tm_id = dwtime.tm_id
8 GROUP BY tm_month
9 ORDER BY tm_month;
```

Data Output Messages Notifications

	tm_month integer	num_sales bigint	total_sales numeric
1	9	23	1239.85
2	10	13	1012.21

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Query Query History

```

1 /* 6. Write and execute the SQL command to list the number
2 of product sales and total sales by month and product
3 category. Your output should be sorted by month and product
4 category. */
5 SELECT tm_month, p_category, COUNT(sale_units) AS num_sales,
6 SUM(sale_units*sale_price) AS total_sales
7 FROM dwdaysalesfact
8 JOIN dwtime ON dwdaysalesfact.tm_id = dwtime.tm_id
9 JOIN dwproduct ON dwdaysalesfact.p_code = dwproduct.p_code
10 GROUP BY tm_month, p_category
11 ORDER BY tm_month, p_category;

```

Data Output Messages Notifications

	tm_month integer	p_category character varying (5)	num_sales bigint	total_sales numeric
1	9	CAT1	8	174.83
2	9	CAT2	4	446.81
3	9	CAT3	5	537.54
4	9	CAT4	6	80.67
5	10	CAT1	4	124.89
6	10	CAT2	2	366.91
7	10	CAT3	3	459.64
8	10	CAT4	4	60.77

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Query Query History

```

1 /* 7. Write and execute the SQL command to list the number of product sales
2 (number of rows) and total sales by month, product category, and product.
3 Your output should be sorted by month, product category and product. */
4 SELECT tm_month, p_category, p_descript, COUNT(sale_units) AS num_sales,
5 SUM(sale_units*sale_price) AS total_sales
6 FROM dwdaysalesfact
7 JOIN dwtime ON dwdaysalesfact.tm_id = dwtime.tm_id
8 JOIN dwproduct ON dwdaysalesfact.p_code = dwproduct.p_code
9 GROUP BY tm_month, p_category, p_descript
10 ORDER BY tm_month, p_category, p_descript;

```

Data Output Messages Notifications

	tm_month integer	p_category character varying (5)	p_descript character varying (35)	num_sales bigint	total_sales numeric
1	9	CAT1	7.25-in. pwr. saw blade	4	134.91
2	9	CAT1	Rat-tail file, 1/8-in. fine	4	39.92
3	9	CAT2	B&D jigsaw, 12-in. bla...	1	109.92
4	9	CAT2	Hicut chain saw, 16 in.	1	256.99
5	9	CAT2	Hrd. cloth, 1/4-in., 2x50	2	79.90
6	9	CAT3	B&D cordless drill, 1/2...	2	77.90
7	9	CAT3	PVC pipe, 3.5-in., 8-ft	2	99.79
8	9	CAT3	Steel matting, 4'x8'x1/...	1	359.85
9	9	CAT4	1.25-in. metal screw, 25	1	20.97

