

```
61 SELECT
62     T2.Title,
63     T2.Author,
64     SUM(T1.Quantity) AS Total_Quantity_Sold
65 FROM
66     Orders AS T1
67 INNER JOIN
68     Books AS T2 ON T1.Book_ID = T2.Book_ID
69 GROUP BY
70     T2.Title, T2.Author
71 ORDER BY
72     Total_Quantity_Sold DESC
73 LIMIT 5;
```

	title character varying (100)	author character varying (100)	total_quantity_sold bigint
1	Realigned multi-tasking installation	Patrick Contreras	28
2	Implemented encompassing conglomeration	Melissa Taylor	27
3	Advanced didactic time-frame	Thomas Trujillo	24
4	Devolved zero administration process improvement	Emily James	24
5	Expanded local infrastructure	Valerie Moore	23

Query Query History

```

28 ORDER BY Total_Ordered DESC;
29
30 5. SELECT
31     Book_ID,
32     Title,
33     Author
34 FROM Books
35 WHERE Book_ID IN (SELECT DISTINCT Book_ID FROM Orders);
36
37 6. SELECT
38     AVG(Price) AS Average_Book_Price
39 FROM
40     Books;

```

[Data Output](#) [Messages](#) [Notifications](#)

Navigation icons: Home, Back, Forward, Search, etc.

Page No: 1

of 1

	average_book_price
1	27.3674400000000000

Query Query History

```
32  FROM Books;
33  Author
34  FROM Books
35  WHERE Book_ID IN (SELECT DISTINCT Book_ID FROM Orders);
36
37  6. SELECT
38      AVG(Price) AS Average_Book_Price
39  FROM
40      Books;
41  7. SELECT
42      SUM(Price) AS Total_Price_Sum
43  FROM
44      Books;
```

	total_price_sum numeric
1	13683.72

Query Query History

```
7 ORDER BY
8     Country ASC, City DESC; |
9
10 3.SELECT
11     Published_Year,
12     AVG(Price) AS Average_Price
13 FROM
14     books
15 GROUP BY
16     Published_Year
17 ORDER BY
18     Published_Year;
```

Data Output Messages Notifications

	published_year integer	average_price numeric
1	1900	26.375000000000000
2	1901	35.912000000000000
3	1902	19.950000000000000
4	1903	21.335000000000000
5	1904	26.355000000000000
6	1905	25.050000000000000
7	1906	24.978571428571428

Total rows: 123 Query complete 00:00:00.148

CRLF	Ln 8, Col 29
------	--------------

pgAdmin 4

File Object Tools Edit View Window Help

Object Explorer

- Servers (1)
 - PostgreSQL 18
 - Databases (3)
 - Orders

postgres/postgres... x Orders/postgres@... x Orders/postgres@PostgreSQL 18* x

Orders/postgres@PostgreSQL 18

Data Output Messages Notifications

Showing rows: 1 to 500 Page No: 1 of 1

	name character varying (100)	order_id integer	order_date date	total_amount numeric (10,2)
1	Gary Blair	1	2023-05-26	188.56
2	Steven Miller	2	2023-01-23	216.60
3	Phillip Allen	3	2024-05-27	85.50
4	Corey Wells	4	2023-11-25	301.21
5	John Wood	5	2023-07-26	136.36
6	Shane Chang	6	2024-10-11	249.40
7	Dominique Turner	7	2023-10-23	82.92
8	Jeffrey Shannon	8	2024-05-07	144.84
9	Jacob Kelley	9	2024-01-04	379.71
10	Mr. David Cox	10	2024-07-09	123.00
11	Peter Smith	11	2023-10-16	38.01
12	April Anderson	12	2024-06-17	31.50
13	Andrew Murray	13	2023-06-08	125.45
14	April Anderson	14	2023-08-24	85.22
15	Joseph McMahon	15	2023-01-10	229.62
16	Kevin Woodward	16	2023-10-06	53.52
17	James Brewer	17	2023-03-20	52.75
18	Darrell Khan	18	2024-08-07	193.96

Total rows: 500 Query complete 00:00:00.277 CRLF Ln 58, Col 16

postgres/postgres... x Orders/postgres@... x Orders/postgres@PostgreSQL 18* x

Orders/postgres@PostgreSQL 18

No limit

Query Query History

1

2

3

4

5

6

7

8

1.SELECT * FROM Books WHERE Price < 20.00 AND Stock > 50;
2.SELECT
*
FROM
Customers
ORDER BY
Country ASC, City DESC;
|

Data Output Messages Notifications

Showing rows: 1 to 500 Page No: 1 of 1

	customer_id [PK] integer	name character varying (100)	email character varying (100)	phone character varying (15)	city character varying (50)	country character varying (150)
32	373	Rebecca Cruz	pmcknight@yahoo.com	1234568263	Emilymouth	Austria
33	229	Kimberly Jackson	bryansmith@lopez.info	1234568119	New Dorothytown	Azerbaijan
34	356	Mary Winters	evansandrew@walls.com	1234568246	Evanshaven	Bahamas
35	417	Melissa Frey	floresricardo@smith.org	1234568307	Erikaberg	Bahamas
36	27	Debbie Sampson	collin21@hotmail.com	1234567917	Christopherburgh	Bahamas
37	282	Crystal Rios	xparrish@terry.info	1234568172	Port Richardstad	Bahrain

Total rows: 500 Query complete 00:00:00.252 CRLF Ln 8, Col 2

Query Query History

```

16      Published_Year
17 ORDER BY
18     Published_Year;
19
20 3.SELECT
21     b.Book_ID,
22     b.Title,
23     COALESCE(SUM(o.Quantity), 0) AS Total_Ordered
24 FROM Books b
25 LEFT JOIN Orders o
26     ON b.Book_ID = o.Book_ID
27 GROUP BY b.Book_ID, b.Title
28 ORDER BY Total_Ordered DESC;

```

Data Output Messages Notifications












Showing rows: 1 to 500

Page No: 1

of 1

	book_id [PK] integer	title character varying (100)	total_ordered bigint
1	73	Realigned multi-tasking installation	28
2	31	Implemented encompassing conglomeration	27
3	157	Advanced didactic time-frame	24
4	273	Devolved zero administration process improvement	24
5	208	Synergized intangible methodology	23
6	307	Expanded local infrastructure	23
7	288	Re-contextualized real-time Graphic Interface	23

Total rows: 500 Query complete 00:00:00.121

CRLF

Ln 25, Col 19

Query History

```
44      Books;
45  8.SELECT
46      c.Name,
47      c.Country,
48      o.Order_ID,
49      o.Order_Date
50  FROM
51      Customers AS c
52  RIGHT JOIN
53      Orders AS o
54  ON
55      c.Customer_ID = o.Customer_ID;
```

	name character varying (100)	country character varying (150)	order_id integer	order_date date
1	Gary Blair	Armenia	1	2023-05-26
2	Steven Miller	Papua New Guinea	2	2023-01-23
3	Phillip Allen	Micronesia	3	2024-05-27
4	Corey Wells	Zambia	4	2023-11-25
5	John Wood	New Caledonia	5	2023-07-26
6	Shane Chang	Liechtenstein	6	2024-10-11
7	Dominique Turner	Djibouti	7	2023-10-23

Query Query History


```

24 FROM Books b
25 LEFT JOIN Orders o
26     ON b.Book_ID = o.Book_ID
27 GROUP BY b.Book_ID, b.Title
28 ORDER BY Total_Ordered DESC;
29
30 5.SELECT
31     Book_ID,
32     Title,
33     Author
34 FROM Books
35 WHERE Book_ID IN (SELECT DISTINCT Book_ID FROM Orders);

```

Data Output Messages Notifications

Navigation icons: list, document, expand, clipboard, expand, trash, database, download, line graph, SQL

Showing rows: 1 to 317 

Page No: 1

	book_id [PK] integer	title character varying (100)	author character varying (100)
1	1	Configurable modular throughput	Joseph Crane
2	3	Streamlined coherent initiative	Derrick Howard
3	5	Adaptive 5thgeneration encoding	Juan Miller
4	7	Open-architected exuding structure	Jacqueline Young
5	8	Persistent local encoding	Troy Cox
6	10	Ergonomic national hub	Samantha Ruiz
7	11	Secured zero tolerance time-frame	Denise Barnes

Total rows: 317 Query complete 00:00:00.154

CRLF Ln 27, Col 28

```

1 1.SELECT* FROM Books WHERE Price < 20.00 AND Stock > 50;
2
3 2.SELECT
4   *
5 FROM
6   Customers
7 ORDER BY
8   Country ASC, City DESC;
9
10 3.SELECT
11   Published_Year,
12   AVG(Price) AS Average_Price
13 FROM

```

	book_id [PK] integer	title character varying (100)	author character varying (100)	genre character varying (50)	published_year integer	price numeric (10,2)	stock integer
1	9	Optimized interactive challenge	Colin Buckley	Fantasy	1987	14.33	70
2	13	Adaptive 5thgeneration orchestration	Jaclyn Miller	Romance	1913	14.04	99
3	14	Re-engineered demand-driven parallelism	Jeremy Hayes	Science Fiction	1933	6.04	95
4	25	Devolved mobile conglomeration	Alexander Bailey	Biography	1984	8.55	79
5	38	Pre-emptive asynchronous leverage	Courtney Nichols	Fantasy	2022	16.47	72
6	52	Triple-buffered neutral adapter	Kristi Phillips	Science Fiction	2003	16.53	85
7	56	Integrated intermediate Internet solution	Stacy Cabrera	Mystery	1976	7.87	67