

Query 1.

categories(+) 1 ×

select c.category_name, p.product_name, p.unit_price, avg(p.unit_price) as avgpricebycategory

	category_name	product_name	unit_price	avgpricebycategory
4	Beverages	Côte de Blaye	263.5	37.9791666667
5	Beverages	Steeleye Stout	18	37.9791666667
6	Beverages	Sasquatch Ale	14	37.9791666667
7	Beverages	Lakkalikööri	18	37.9791666667
8	Beverages	Rhönbräu Klosterbier	7.75	37.9791666667
9	Beverages	Outback Lager	15	37.9791666667
10	Beverages	Chai	18	37.9791666667
11	Beverages	Laughing Lumberjack Lager	14	37.9791666667
12	Beverages	Chang	19	37.9791666667
13	Condiments	Gula Malacca	19.45	22.8541668256
14	Condiments	Original Frankfurter grüne Soße	13	22.8541668256
15	Condiments	Northwoods Cranberry Sauce	40	22.8541668256
16	Condiments	Louisiana Hot Spiced Okra	17	22.8541668256

Query 2

orders(+) 1 × Statistics 1

create temp table temp_order as select o.order_id, sum(o.quantity * p.unit_price) as total_order_amount, o.order_date, o.required_date, o.shipped_date, o.ship_via, o.freight, o.ship_name, o.ship_address

	order_id	total_order_amount	order_date	required_date	shipped_date	ship_via	freight	ship_name	ship_address
1	712.1666682549	10.643	1997-08-25	1997-09-22	1997-09-02	1	29.46	Alfreds Futterkiste	Obere Str. 57
2	712.1666682549	10.692	1997-10-03	1997-10-31	1997-10-13	2	61.02	Alfreds Futterkiste	Obere Str. 57
3	712.1666682549	10.702	1997-10-13	1997-11-24	1997-10-21	1	23.94	Alfreds Futterkiste	Obere Str. 57
4	712.1666682549	10.835	1998-01-15	1998-02-12	1998-01-21	3	69.53	Alfreds Futterkiste	Obere Str. 57
5	712.1666682549	10.952	1998-03-16	1998-04-27	1998-03-24	1	40.42	Alfreds Futterkiste	Obere Str. 57
6	712.1666682549	11.011	1998-04-09	1998-05-07	1998-04-13	1	1.21	Alfreds Futterkiste	Obere Str. 57
7	350.7374975681	10.625	1997-08-08	1997-09-05	1997-08-14	1	43.9	Ana Trujillo Emparedados y helados	Avda. de la Constitución
8	350.7374975681	10.926	1998-03-04	1998-04-01	1998-03-11	3	39.92	Ana Trujillo Emparedados y helados	Avda. de la Constitución
9	350.7374975681	10.759	1997-11-28	1997-12-26	1997-12-12	3	11.99	Ana Trujillo Emparedados y helados	Avda. de la Constitución
10	350.7374975681	10.308	1996-09-18	1996-10-16	1996-09-24	3	1.61	Ana Trujillo Emparedados y helados	Avda. de la Constitución
11	1.003.42534762	10.507	1997-04-15	1997-05-13	1997-04-22	1	47.45	Antonio Moreno Taquería	Mataderos 2312
12	1.003.42534762	10.365	1996-11-27	1996-12-25	1996-12-02	2	22	Antonio Moreno Taquería	Mataderos 2312

200 row(s) fetched - 0.030s (0.001s fetch) on 2025-04-13 at 16:16:33

Query 3

products(+) 1 ×

select p.product_name, c.category_name, p.quantity_per_unit, p.unit_price, p.quantity, avg(p.quantity) as avgquantity

	product_name	category_name	quantity_per_unit	unit_price	quantity	avgquantity
1	Rhönbräu Klosterbier	Beverages	24 - 0.5 l bottles	7.75	20	23.5940594059
2	Chartreuse verte	Beverages	750 cc per bottle	18	5	23.5940594059
3	Sasquatch Ale	Beverages	24 - 12 oz bottles	14	35	23.5940594059
4	Sasquatch Ale	Beverages	24 - 12 oz bottles	14	10	23.5940594059
5	Guaraná Fantástica	Beverages	12 - 355 ml cans	4.5	8	23.5940594059
6	Outback Lager	Beverages	24 - 355 ml bottles	15	50	23.5940594059
7	Lakkalikööri	Beverages	500 ml	18	10	23.5940594059
8	Côte de Blaye	Beverages	12 - 75 cl bottles	263.5	10	23.5940594059
9	Chang	Beverages	24 - 12 oz bottles	19	35	23.5940594059
10	Chartreuse verte	Beverages	750 cc per bottle	18	54	23.5940594059
11	Outback Lager	Beverages	24 - 355 ml bottles	15	3	23.5940594059
12	Steeleye Stout	Beverages	24 - 12 oz bottles	18	3	23.5940594059
13	Chai	Beverages	10 boxes x 30 bags	18	40	23.5940594059

200 row(s) fetched - 0.009s (0.001s fetch) on 2025-04-13 at 16:16:33

Query 4

orders 1 ×

select o.customer_id,o.order_date,min(o.order_date) over (parti Enter a SQL expression to filter results (use Ctrl

	customer_id	order_date	earliestorderdate
1	ALFKI	1998-01-15	1997-08-25
2	ALFKI	1997-10-03	1997-08-25
3	ALFKI	1998-04-09	1997-08-25
4	ALFKI	1997-10-13	1997-08-25
5	ALFKI	1997-08-25	1997-08-25
6	ALFKI	1998-03-16	1997-08-25
7	ANATR	1997-08-08	1996-09-18
8	ANATR	1998-03-04	1996-09-18
9	ANATR	1996-09-18	1996-09-18
10	ANATR	1997-11-28	1996-09-18
11	ANTON	1997-09-22	1996-11-27
12	ANTON	1997-05-13	1996-11-27
13	ANTON	1998-01-28	1996-11-27

Refresh Save Cancel Export data 200

Query 5

products 1 ×

select p.product_id,p.product_name,p.unit_price,p.category_id,r Enter a SQL expression to filter results (use Ctrl+Space)

	product_id	product_name	unit_price	category_id	maxunitprice
1	24	Guaraná Fantástica	4.5	1	263.5
2	43	Ipoh Coffee	46	1	263.5
3	39	Chartreuse verte	18	1	263.5
4	38	Côte de Blaye	263.5	1	263.5
5	35	Steeleye Stout	18	1	263.5
6	34	Sasquatch Ale	14	1	263.5
7	76	Lakkalikööri	18	1	263.5
8	75	Rhönbräu Klosterbier	7.75	1	263.5
9	70	Outback Lager	15	1	263.5
10	1	Chai	18	1	263.5
11	67	Laughing Lumberjack Lager	14	1	263.5
12	2	Chang	19	1	263.5
13	44	Gula Malacca	19.45	2	43.9

Refresh Save Cancel Export data 200 77 77 row(s) fetched

Query 6

ROW_NUMBER() OVER (ORDER BY c.customer_id ASC) AS "rownumber"

products 1 ×

select row_number() over (order by sum(od.quantity) desc) as "rownumber" Enter a SQL expression to filter results

	123 ranking	A-Z product_name	123 totalquantity
1	1	Camembert Pierrot	1,577
2	2	Raclette Courdavault	1,496
3	3	Gorgonzola Telino	1,397
4	4	Gnocchi di nonna Alice	1,263
5	5	Pavlova	1,158
6	6	Rhönbräu Klosterbier	1,155
7	7	Guaraná Fantástica	1,125
8	8	Boston Crab Meat	1,103
9	9	Tarte au sucre	1,083
10	10	Chang	1,057
11	11	Flotemysost	1,057
12	12	Sir Rodney's Scones	1,016
13	13	Jack's New England Clam Chowder	981

Query 7

customers 1 ×

SELECT ROW_NUMBER() OVER (ORDER BY c.customer_id ASC) Enter a SQL expression to filter results (use Ctrl+Space)

	123 rownumber	A-Z customer_id	A-Z company_name	A-Z contact_name	A-Z contact_title
1	1	ALFKI	Alfreds Futterkiste	Maria Anders	Sales Representative
2	2	ANATR	Ana Trujillo Emparedados y helados	Ana Trujillo	Owner
3	3	ANTON	Antonio Moreno Taquería	Antonio Moreno	Owner
4	4	AROUT	Around the Horn	Thomas Hardy	Sales Representative
5	5	BERGS	Berglunds snabbköp	Christina Berglund	Order Administrator
6	6	BLAUS	Blauer See Delikatessen	Hanna Moos	Sales Representative
7	7	BLONP	Blondesddsl père et fils	Frédérique Citeaux	Marketing Manager
8	8	BOLID	Bólido Comidas preparadas	Martín Sommer	Owner
9	9	BONAP	Bon app'	Laurence Leblan	Owner
10	10	BOTTM	Bottom-Dollar Markets	Elizabeth Lincoln	Accounting Manager
11	11	BSBEV	B's Beverages	Victoria Ashworth	Sales Representative
12	12	CACTU	Cactus Comidas para llevar	Patricio Simpson	Sales Agent
13	13	CENTC	Centro comercial Moctezuma	Francisco Chang	Marketing Manager

Refresh Save Cancel Export data 200 92 92 row(s) fetched - 0.00s

Query 8

employees 1 ×

select rank() over (order by e.birth_date desc) as "ranking", conc

	123 ranking	A-Z employename	birth_date
1	1	Anne Dodsworth	1966-01-27
2	2	Janet Leverling	1963-08-30
3	3	Michael Suyama	1963-07-02
4	4	Robert King	1960-05-29
5	5	Laura Callahan	1958-01-09
6	6	Steven Buchanan	1955-03-04
7	7	Andrew Fuller	1952-02-19
8	8	Nancy Davolio	1948-12-08
9	9	Margaret Peacock	1937-09-19

Query 9

orders 1 ×

select sum(q.total_order) over (partition by o.customer_id as "s

	123 sumorderamount	123 order_id	A-Z customer_id	123 employee_id	order_date	required_date
1	4,273.0000095293	10,702	ALFKI	4	1997-10-13	1997-11-24
2	4,273.0000095293	10,643	ALFKI	6	1997-08-25	1997-09-22
3	4,273.0000095293	10,952	ALFKI	1	1998-03-16	1998-04-27
4	4,273.0000095293	11,011	ALFKI	3	1998-04-09	1998-05-07
5	4,273.0000095293	11,011	ALFKI	3	1998-04-09	1998-05-07
6	4,273.0000095293	10,692	ALFKI	4	1997-10-03	1997-10-31
7	4,273.0000095293	10,643	ALFKI	6	1997-08-25	1997-09-22
8	4,273.0000095293	10,643	ALFKI	6	1997-08-25	1997-09-22
9	4,273.0000095293	10,835	ALFKI	1	1998-01-15	1998-02-12
10	4,273.0000095293	10,952	ALFKI	1	1998-03-16	1998-04-27
11	4,273.0000095293	10,702	ALFKI	4	1997-10-13	1997-11-24
12	4,273.0000095293	10,835	ALFKI	1	1998-01-15	1998-02-12
13	1,402.9499902725	10,308	ANATR	7	1996-09-18	1996-10-16

Refresh Save Cancel Export data 200 200+ 200 row(s) fetched - 0.007s (C

Query 10

categories(+)

1

select c.category_name,p.product_name,p.unit_price,q.quantity,s

category_name product_name unit_price quantity totalsales

1	Beverages	Chai	18	40	12,788.0999197304
2	Beverages	Chai	18	20	12,788.0999197304
3	Beverages	Chai	18	4	12,788.0999197304
4	Beverages	Chai	18	80	12,788.0999197304
5	Beverages	Chai	18	25	12,788.0999197304
6	Beverages	Chai	18	15	12,788.0999197304
7	Beverages	Chai	18	12	12,788.0999197304
8	Beverages	Chai	18	15	12,788.0999197304
9	Beverages	Chai	18	10	12,788.0999197304
10	Beverages	Chai	18	10	12,788.0999197304
11	Beverages	Chai	18	24	12,788.0999197304
12	Beverages	Chai	18	45	12,788.0999197304
13	Beverages	Chai	18	45	12,788.0999197304

Refresh Save Cancel Export data 200 178

Query 11

orders 1

select o.ship_country,o.order_id,o.shipped_date,o.freight,sum(o.

ship_country order_id shipped_date freight totalshippingcosts

1	Argentina	10,958	1998-03-27	49.56	598.58
2	Argentina	10,531	1997-05-19	8.12	598.58
3	Argentina	10,782	1997-12-22	1.1	598.58
4	Argentina	10,448	1997-02-24	38.82	598.58
5	Argentina	10,716	1997-10-27	22.57	598.58
6	Argentina	11,054	[NULL]	0.33	598.58
7	Argentina	10,521	1997-05-02	17.22	598.58
8	Argentina	10,828	1998-02-04	90.85	598.58
9	Argentina	10,898	1998-03-06	1.27	598.58
10	Argentina	10,937	1998-03-13	31.51	598.58
11	Argentina	10,916	1998-03-09	63.77	598.58
12	Argentina	11,019	[NULL]	3.17	598.58
13	Argentina	10,819	1998-01-16	19.76	598.58

Query 12

24K
24K
32K
24K
24K

SELECT e.employee_id,e.first_name,e.last_name,e.hire_date, rank() over (order by e.hire_date

orders(+) 1 x

select o.customer_id,c.company_name,sum(q.sales) as "Total Sales" Enter a SQL expression to filter results (use Ctrl+Space)

	A-Z customer_id	A-Z company_name	123 Total Sales	123 rank
1	QUICK	QUICK-Stop	110,277.3050303938	1
2	ERNSH	Ernst Handel	104,874.9781436775	2
3	SAVEA	Save-a-lot Markets	104,361.949540394	3
4	RATTC	Rattlesnake Canyon Grocery	51,097.8008282682	4
5	HUNGO	Hungry Owl All-Night Grocers	49,979.9050814955	5
6	HANAR	Hanari Carnes	32,841.3699484575	6
7	KOENE	Königlich Essen	30,908.3838725384	7
8	FOLKO	Folk och få HB	29,567.5624900267	8
9	MEREP	Mère Paillarde	28,872.1901561184	9
10	WHITC	White Clover Markets	27,363.6049002108	10
11	FRANK	Frankenversand	26,656.55940399	11
12	QUEEN	Queen Cozinha	25,717.4976049736	12
13	BERGS	Berglunds snabbköp	24,927.577430966	13

Refresh Save Cancel Export data 200 89 89 rows

Query 13

32K
24K
24K

employees 1 x

select e.employee_id,e.first_name,e.last_name,e.hire_date, rank() Enter a SQL expression to filter results (use Ctrl+Sp

	123 employee_id	A-Z first_name	A-Z last_name	hire_date	123 Rank
1	3	Janet	Leverling	1992-04-01	1
2	1	Nancy	Davolio	1992-05-01	2
3	2	Andrew	Fuller	1992-08-14	3
4	4	Margaret	Peacock	1993-05-03	4
5	5	Steven	Buchanan	1993-10-17	5
6	6	Michael	Suyama	1993-10-17	5
7	7	Robert	King	1994-01-02	7
8	8	Laura	Callahan	1994-03-05	8
9	9	Anne	Dodsworth	1994-11-15	9

Query 14

products 1 ×

select p.product_id,p.product_name,p.unit_price, rank() over (order by p.unit_price desc) as Rank from products p

	123 product_id	A-Z product_name	123 unit_price	123 Rank
1	38	Côte de Blaye	263.5	1
2	29	Thüringer Rostbratwurst	123.79	2
3	9	Mishi Kobe Niku	97	3
4	20	Sir Rodney's Marmalade	81	4
5	18	Carnarvon Tigers	62.5	5
6	59	Raclette Courdavault	55	6
7	51	Manjimup Dried Apples	53	7
8	62	Tarte au sucre	49.3	8
9	43	Ipoh Coffee	46	9
10	28	Rössle Sauerkraut	45.6	10
11	27	Schoggi Schokolade	43.9	11
12	63	Vegie-spread	43.9	11
13	8	Northwoods Cranberry Sauce	40	13

Query 15

order_details 1 ×

select od.order_id,od.product_id,od.quantity,lag(od.quantity) over (order by od.order_id) as prevquantity from order_details od

	123 order_id	123 product_id	123 quantity	123 prevquantity
1	10,838	1	4	[NULL]
2	10,911	1	10	4
3	10,413	1	24	10
4	10,691	1	30	24
5	10,646	1	15	30
6	10,863	1	20	15
7	10,348	1	15	20
8	10,477	1	15	15
9	10,370	1	15	15
10	10,689	1	35	15
11	10,285	1	45	35
12	10,847	1	80	45
13	10,354	1	12	80

Query 16

24K 24K 24K

orders 1 ×

select o.order_id,o.order_date,o.customer_id,lag(o.order_date) c | Enter a SQL expression to filter

Grid	123 order_id	order_date	A-Z customer_id	lag
1	11,011	1998-04-09	ALFKI	[NULL]
2	10,952	1998-03-16	ALFKI	1998-04-09
3	10,835	1998-01-15	ALFKI	1998-03-16
4	10,702	1997-10-13	ALFKI	1998-01-15
5	10,692	1997-10-03	ALFKI	1997-10-13
6	10,643	1997-08-25	ALFKI	1997-10-03
7	10,926	1998-03-04	ANATR	[NULL]
8	10,759	1997-11-28	ANATR	1998-03-04
9	10,625	1997-08-08	ANATR	1997-11-28
10	10,308	1996-09-18	ANATR	1997-08-08
11	10,856	1998-01-28	ANTON	[NULL]
12	10,682	1997-09-25	ANTON	1998-01-28
13	10,677	1997-09-22	ANTON	1997-09-25

Query 17

24K 24K 24K

products 1 ×

select *,(q.unit_price - q.lastunitprice) as "pricedifference" from | Enter a SQL expression to filter results (use Ctrl+Space)

Grid	123 product_id	A-Z product_name	123 unit_price	123 lastunitprice	123 pricedifference
1	77	Original Frankfurter grüne Soße	13	[NULL]	[NULL]
2	76	Lakkalikööri	18	13	5
3	75	Rhönbräu Klosterbier	7.75	18	-10.25
4	74	Longlife Tofu	10	7.75	2.25
5	73	Röd Kaviar	15	10	5
6	72	Mozzarella di Giovanni	34.8	15	19.8
7	71	Flotemysost	21.5	34.8	-13.299999
8	70	Outback Lager	15	21.5	-6.5
9	69	Gudbrandsdalsost	36	15	21
10	68	Scottish Longbreads	12.5	36	-23.5
11	67	Laughing Lumberjack Lager	14	12.5	1.5
12	66	Louisiana Hot Spiced Okra	17	14	3
13	65	Louisiana Fiery Hot Pepper Sauce	21.05	17	4.049999

Query 18

