

DBeaver 22.2.4 - <postgres> Script-1

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto postgres public@postgres

Database Navigator Projects Enter a part of object name here

DBeaver Sample Database (SQLite)

postgres - localhost:5432

Databases postgres Roles Administer System Info

1 create database northwind\_postgres

Statistics 1

Name	Value
Updated Rows	0
Query	create database northwind_postgres
Finish time	Tue Jan 03 15:08:59 CET 2023

Project - General

Name DataSource

Bookmarks Diagrams Scripts

Save Cancel Script | 200 CET en Writable Smart Insert 1:1 [34] Sel: 34 | 1

0 row(s) updated - 588ms, on 2023-01-03 at 15:08:59

5°C Pochmurnie Q Wyszukaj

15:09 03.01.2023

DBeaver 22.2.4 - <postgres> Script-2

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto postgres public@northwind\_postgres

Database Navigator Projects Enter a part of object name here

DBeaver Sample Database (SQLite) postgres - localhost:5432 Databases northwind\_postgres postgres Roles Administer System Info

\*<postgres> zad.domowe na... \*<postgres> zajecia\_jakub\_k... \*<postgres> us\_accidents\_de... <postgres> zadanie\_domow... \*<postgres> Script-1 \*<postgres> Script-2

3838  
3839  
3840--  
3841-- Name: pk\_territories; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:  
3842--  
3843  
3844ALTER TABLE ONLY territories  
3845 ADD CONSTRAINT pk\_territories PRIMARY KEY ("TerritoryID");  
3846  
3847  
3848--  
3849-- Name: public; Type: ACL; Schema: -; Owner: postgres  
3850--  
3851  
3852REVOKE ALL ON SCHEMA public FROM PUBLIC;  
3853REVOKE ALL ON SCHEMA public FROM postgres;  
3854GRANT ALL ON SCHEMA public TO postgres;  
3855GRANT ALL ON SCHEMA public TO PUBLIC;  
3856  
3857  
3858--  
3859-- PostgreSQL database dump complete  
3860--

Script: /General/Scripts/Script-2.sql  
Connection: postgres  
Type: PostgreSQL  
URL: jdbc:postgresql://localhost:5432/postgres  
Database: northwind\_postgres  
Schema: public

Statistics 1

Name	Value
Updated Rows	3368
Query	-- -- PostgreSQL Northwind Database v1.0 from Ramiro Estigarribia Canese -- you may contact him at email ramiro.estigarribia@rieder.com.py -- SET statement_timeout = 0; SET client_encoding = 'UTF8'; SET standard_conforming_strings = on; SET check_function_bodies = false; SET client_min_messages = warning;

Save Cancel Script | 3368 row(s) updated - 342ms, on 2023-01-03 at 15:26:32 | CET | en | Writable | Smart Insert | 3861 : 1 [352108] | Sel: 35... | 3860 | 4°C Pada deszcz | 15:27 | 03.01.2023

Wyszukaj

4°C Pada deszcz

Wyszukaj

15:27 03.01.2023

DBeaver 22.2.4 - <postgres> Script-2

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto postgres public@northwind\_postgres

Database Navigator Projects Enter a part of object name here

DBeaver Sample Database (SQLite)

postgres - localhost:5432

Databases

northwind\_postgres

Schemas

public

Tables

- categories 32K
- customercustomerdemo 16K
- customerdemographics 16K
- customers 64K
- employees 32K
- employeeterritories 24K
- order\_details 192K
- orders 184K
- products 24K
- region 32K
- shippers 24K
- shippers\_tmp 24K
- suppliers 32K
- territories 32K
- usstates 8K

Views

Materialized Views

Indexes

Functions

Sequences

Data types

Aggregate functions

Project - General

Name: Bookmarks, Diagrams, Scripts

DataSource

3839  
3840--  
3841 -- Name: pk\_territories; Type: CONSTRAINT; Schema: public; Owner: postgres; Tablespace:  
3842--  
3843  
3844ALTER TABLE ONLY territories  
3845 ADD CONSTRAINT pk\_territories PRIMARY KEY ("TerritoryID");  
3846  
3847  
3848--  
3849 -- Name: public; Type: ACL; Schema: -; Owner: postgres  
3850--  
3851  
3852REVOKE ALL ON SCHEMA public FROM PUBLIC;  
3853REVOKE ALL ON SCHEMA public FROM postgres;  
3854GRANT ALL ON SCHEMA public TO postgres;  
3855GRANT ALL ON SCHEMA public TO PUBLIC;  
3856  
3857--  
3858--  
3859-- PostgreSQL database dump complete  
3860--  
3861

Statistics 1

Name	Value
Updated Rows	3368
Query	-- -- PostgreSQL Northwind Database v1.0 from Ramiro Estigarribia Canese -- you may contact him at email ramiro.estigarribia@rieder.com.py -- SET statement_timeout = 0; SET client_encoding = 'UTF8'; SET standard_conforming_strings = on; SET check_function_bodies = false; SET client_min_messages = warning;

Save Cancel Script | 3368 row(s) updated - 342ms, on 2023-01-03 at 15:26:32 | CET | en | 15:28 03.01.2023

public - standard public schema

4°C Pada deszcz Wyszukaj

Windows Start Google Chrome Zoom PDF GitHub

DBeaver 22.2.4 - <northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto northwind\_postgres public@northwind\_postgres

Database Navigator X Enter a part of object name here

DBeaver Sample Database (SQLite) northwind\_postgres - localhost:5432

Databases northwind\_postgres

- Schemas public
  - Tables
  - Views
  - Materialized Views
  - Indexes
  - Functions
  - Sequences
  - Data types
  - Aggregate functions
- Event Triggers
- Extensions
- Storage
- System Info

Roles Administer System Info

postgres - localhost:5432

Project - General X

Name DataS

Bookmarks Diagrams Scripts

<northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql

```
1 /*Treść zadania:
```

```
2 1. Wykonaj skrypt tworzący tabelę i dodający do nich wartości - northwind_postgres.sql.*/
```

```
3
```

```
4 create database northwind_postgres
```

```
5
```

```
6 /*2. Wykonaj zapytania, które odpowiadają na te pytania:*/
```

```
7
```

```
8--a. Jaki są miasta, w których mieszka więcej niż 3 pracowników?
```

```
9 select e."City" , count(e."LastName") liczba_pracownikow_z_danego_miasta
```

```
10 from employees e
```

```
11 group by e."City"
```

```
12 having count(e."LastName")>3
```

```
13 order by liczba_pracownikow_z_danego_miasta
```

```
14
```

```
15--b. Zakładając, że produkty, które kosztują (UnitPrice) mniej niż 10$ możemy uznać za tanie,
```

```
16 --te między 10$ a 50$ za średnie, a te powyżej 50$ za drogie, ile produktów należy do poszczególnych przedziałów?
```

```
17
```

```
18--ilosc produktów w poszególnych przedziałach w podsumowaniu
```

```
19 select p."ProductID",
```

```
20 sum (case when p."UnitPrice" <10 then 1 else 0 end) tanie,
```

```
21 sum (case when p."UnitPrice" between 10 and 50 then 1 else 0 end) srednie,
```

```
22 sum (case when p."UnitPrice" >50 then 1 else 0 end) drogie
```

```
23 from products p
```

employees 1

select e."City" , count(e."LastName") liczba\_pracownikow

	City	liczba_pracownikow_z_danego_miasta
1	London	4

Grid Text Record

Save Cancel Script 200 1 Rows: 1 1 row(s) fetched - 1ms, on 2023-01-11 at 18:15:32 CET en Writable Smart Insert 9 : 1 [187] Sel: 187 | 5

5°C Duże zachmurze... Q Wyszukaj

18:16 11.01.2023

## Database Navigator X

- Enter a part of object name here
- DBeaver Sample Database (SQLite)
  - northwind\_postgres - localhost:5432
    - Databases
    - northwind\_postgres
      - Schemas
      - public
        - Tables
        - Views
        - Materialized Views
        - Indexes
        - Functions
        - Sequences
        - Data types
        - Aggregate functions
      - Event Triggers
      - Extensions
      - Storage
      - System Info
    - Roles
    - Administer
    - System Info
  - postgres - localhost:5432

## Project - General X

- Name
- Bookmarks
  - Diagrams
  - Scripts

## &lt;northwind\_postgres&gt; sql\_1\_anna\_wojtczak\_queries.sql X

```
14  
15--b. Zakładając, że produkty, które kosztują (UnitPrice) mniej niż 10$ możemy uznać za tanie,  
16 --te między 10$ a 50$ za średnie, a te powyżej 50$ za drogie, ile produktów należy do poszczególnych przedziałów?  
17  
18--ilosc produktów w poszegolnych przedzialach w podsumowaniu  
19 select p."ProductID",  
20 sum (case when p."UnitPrice" <10 then 1 else 0 end) tanie,  
21 sum (case when p."UnitPrice" between 10 and 50 then 1 else 0 end) srednie,  
22 sum (case when p."UnitPrice" >50 then 1 else 0 end) drogie  
23 from products p  
24 group by rollup (p."ProductID")  
25 order by p."ProductID"  
26
```

## products 1 X

select p."ProductID" , sum (case when p."UnitPrice" <10 then 1 else 0 end) tanie, sum (case when p."UnitPrice" between 10 and 50 then 1 else 0 end) srednie, sum (case when p."UnitPrice" >50 then 1 else 0 end) drogie

	ProductID	tanie	srednie	drogie
61	61	0	1	0
62	62	0	1	0
63	63	0	1	0
64	64	0	1	0
65	65	0	1	0
66	66	0	1	0
67	67	0	1	0
68	68	0	1	0
69	69	0	1	0
70	70	0	1	0
71	71	0	1	0
72	72	0	1	0
73	73	0	1	0
74	74	0	1	0
75	75	1	0	0
76	76	0	1	0
77	77	0	1	0
78	[NULL]	11	59	7

Save Cancel Script 200 78 Rows: 1 78 row(s) fetched - 4ms (1ms fetch), on 2023-01-11 at 18:17:24

CET en Writable

Smart Insert

19 : 1 [297]

Sel: 297 | 7

18:17

11.01.2023



DBeaver 22.2.4 - <northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto northwind\_postgres public@northwind\_postgres

Database Navigator X Enter a part of object name here

DBeaver Sample Database (SQLite)

northwind\_postgres - localhost:5432

Databases

northwind\_postgres

Schemas

public

Tables

Views

Materialized Views

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Functions

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postgres - localhost:5432

\*<northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql X

```
27 --c. Czy najdroższy produkt z kategorii z największą średnią ceną to najdroższy produkt ogólnie?
28
29--najdroższy produkt z kategorii z największą średnią ceną
30 select distinct p."CategoryID",
31 max (p."UnitPrice") over (partition by p."CategoryID") najdrozszy_produkt_z_danej_kategorii,
32 avg (p."UnitPrice") over (partition by p."CategoryID") srednia_cena_produktu_w_danej_kategorii
33 from products p
34 order by srednia_cena_produktu_w_danej_kategorii desc
35
36--najdroższy produkt ogólnie
37 select max(p."UnitPrice") from products p
38
```

products 1 X

select distinct p."CategoryID", max (p."UnitPrice") over (partition by p."CategoryID") Enter a SQL expression to filter results (use Ctrl+Space)

	CategoryID	najdrozszy_produkt_z_danej_kategorii	srednia_cena_produktu_w_danej_kategorii
1	6	123.79000092	54.0066666603
2	1	263.5	37.9791666667
3	7	53	32.3699996948
4	4	55	28.7299999237
5	3	81	25.1600000675
6	2	43.90000153	22.8541668256
7	8	62.5	20.6824998856
8	5	38	20.25

Project - General X

Name DataS

Bookmarks

Diagrams

Scripts

Record

Save Cancel Script | 200 8 Rows: 1 8 row(s) fetched - 2ms, on 2023-01-11 at 18:18:52 CET en Writable Smart Insert 27:6:1049 Sel: 0 | 0

5°C Duże zachmurze... 18:19 11.01.2023

Wyszukaj

Zoom

Google Sheets

Calculator

Smart Insert

File Explorer

Power BI

Tableau

Microsoft Word

Microsoft Excel

Microsoft Powerpoint

Microsoft OneDrive

Microsoft SharePoint

Microsoft Teams

Microsoft Word

Microsoft Excel

Microsoft Powerpoint

Microsoft OneDrive

Microsoft SharePoint

Microsoft Teams

DBeaver 22.2.4 - <northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto northwind\_postgres public@northwind\_postgres

Database Navigator

Enter a part of object name here

Databases

northwind\_postgres - localhost:5432

Schemas

public

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postres - localhost:5432

Project - General

Name

Bookmarks

Diagrams

Scripts

Record

\*<northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql

39 --d. Ile kosztuje najtańszy, najdroższy i ile średnio kosztuje produkt od każdego z dostawców?  
40 --UWAGA - te dane powinny być przedstawione z nazwami dostawców, nie ich identyfikatorami.  
41  
42 select distinct s."SupplierID", s."CompanyName",  
43 min(p."UnitPrice") over (partition by p."SupplierID" order by p."SupplierID") cena\_najtanszego\_prod\_od\_sprzed,  
44 max(p."UnitPrice") over (partition by p."SupplierID" order by p."SupplierID") cena\_najdrozszeego\_prod\_od\_sprzed,  
45 avg(p."UnitPrice") over (partition by p."SupplierID" order by p."SupplierID") srednia\_cena\_prod\_od\_przed  
46 from products p  
47 join suppliers s on p."SupplierID" = s."SupplierID"  
48 order by s."SupplierID"  
49

suppliers 1

select distinct s."SupplierID", s."CompanyName", min(p)

SupplierID	CompanyName	cena_najtanszego_prod_od_sprzed	cena_najdrozszeego_prod_od_sprzed	srednia_cena_prod_od_przed
1	Exotic Liquids	10	19	14.5
2	New Orleans Cajun Delights	17	22	20.3499999046
3	Grandma Kelly's Homestead	25	40	31.6666666667
4	Tokyo Traders	10	97	46
5	Cooperativa de Quesos 'Las Cabras'	21	38	29.5
6	Mayumi's	6	23.25	14.0833333333
7	Pavlova, Ltd.	15	62.5	35.5700004578
8	Specialty Biscuits, Ltd.	9.19999981	81	26.1399999619
9	PB Knäckebröd AB	9	21	15
10	Refrescos Americanas LTDA	4.5	4.5	4.5
11	Heli Süßwaren GmbH & Co. KG	14	43.90000153	29.710000356
12	Plutzer Lebensmittelgroßmärkte AG	7.75	123.79000092	44.6779998779
13	Nord-Ost-Fisch Handelsgesellschaft mbH	25.88999939	25.88999939	25.8899993896
14	Formaggi Fortini s.r.l.	12.5	34.79999924	26.433333079
15	Norske Meierier	2.5	36	20
16	Bigfoot Breweries	14	18	15.3333333333
17	Svensk Sjöföda AB	15	26	20
18	Aux joyeux ecclésiastiques	18	263.5	140.75
19	New England Seafood Cannery	9.64999962	18.39999962	14.0249996185
20	Leka Trading	14	46	26.4833335876
21	Lyngbylsild	9.5	12	10.75

Save Cancel Script | 200 | 29 | Rows: 1 | 29 row(s) fetched - 2ms (1ms fetch), on 2023-01-11 at 18:20:53

CET en Writable Smart Insert 42 : 1 [484] Sel: 484 | 7

5°C Duże zachmurzenie... Wyszukaj

18:21 11.01.2023

DBeaver 22.2.4 - <northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto northwind\_postgres public@northwind\_postgres

Database Navigator X

Enter a part of object name here

DBeaver Sample Database (SQLite)

northwind\_postgres - localhost:5432

Databases

northwind\_postgres

- Schemas
- public
  - Tables
  - Views
  - Materialized Views
  - Indexes
  - Functions
  - Sequences
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Roles

Administer

System Info

postgres - localhost:5432

\*<northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql X

```
49
50 --e. Jak się nazywają i jakie mają numery kontaktowe wszyscy dostawcy i klienci (ContactName) z Londynu?
51 --Jeśli nie ma numeru telefonu, wyświetl faks.*/
52
53 select s."ContactName", s."Phone" , s."Fax",coalesce (nullif (s."Phone",''),s."Fax") as tel_fax, 'dostawca' as dostawca_czy_klient
54 from suppliers s where s."City" = 'London'
55 union
56 select c."ContactName", c."Phone" , c."Fax",coalesce (nullif(c."Phone",''), c."Fax") as tel_fax , 'klient' as dostawca_czy_klient
57 from customers c where c."City" = 'London'
```

Results 1 X

select s."ContactName", s."Phone" , s."Fax",coalesce (nullif (s."Phone",''),s."Fax") as tel\_fax, 'dostawca' as dostawca\_czy\_klient

Grid	ContactName	Phone	Fax	tel_fax	dostawca_czy_klient
1	Charlotte Cooper	(171) 555-2222	[NULL]	(171) 555-2222	dostawca
2	Hari Kumar		(171) 555-5646	(171) 555-5646	klient
3	Thomas Hardy	(171) 555-7788	(171) 555-6750	(171) 555-7788	klient
4	Elizabeth Brown	(171) 555-2282	(171) 555-9199	(171) 555-2282	klient
5	Victoria Ashworth	(171) 555-1212	[NULL]	(171) 555-1212	klient
6	Simon Crowther	(171) 555-7733	(171) 555-2530	(171) 555-7733	klient
7	Ann Devon	(171) 555-0297	(171) 555-3373	(171) 555-0297	klient

Project - General X

Name DataS

Record

Save Cancel Script | 200 7 Rows: 1 7 row(s) fetched - 2ms, on 2023-01-11 at 18:21:33 CET en Writable Smart Insert 53 : 1 [356] Sel: 356 | 5

5°C Duże zachmurze... Wyszukaj

18:21 11.01.2023

Database Navigator X

Enter a part of object name here

DBeaver Sample Database (SQLite)

northwind\_postgres - localhost:5432

Databases

northwind\_postgres

Schemas

public

- Tables
- Views
- Materialized Views
- Indexes
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- Event Triggers
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Roles

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System Info

postgres - localhost:5432

Project - General X

Name

Bookmarks

Diagrams

Scripts

\*<northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql X

58  
59 --f. Które miejsce cenowo (od najtańszego) zajmują w swojej kategorii (CategoryID) wszystkie produkty?  
60  
61 select p."ProductID",p."UnitPrice" ,p."CategoryID" , c."CategoryName" ,  
62 dense\_rank () over (partition by p."CategoryID" order by p."UnitPrice")  
63 from products p  
64 join categories c on c."CategoryID" =p."CategoryID"  
65

products(+ 1) X

select p."ProductID",p."UnitPrice" ,p."CategoryID" , c."CategoryName" ,dense\_rank

ProductID	UnitPrice	CategoryID	CategoryName	dense_rank
1	24	4.5	Beverages	1
2	75	7.75	Beverages	2
3	34	14	Beverages	3
4	67	14	Beverages	3
5	70	15	Beverages	4
6	35	18	Beverages	5
7	76	18	Beverages	5
8	1	18	Beverages	5
9	39	18	Beverages	5
10	2	19	Beverages	6
11	43	46	Beverages	7
12	38	263.5	Beverages	8
13	3	10	Condiments	1
14	15	13	Condiments	2
15	77	13	Condiments	2
16	66	17	Condiments	3
17	44	19.450000763	Condiments	4
18	65	21.049999237	Condiments	5
19	5	21.350000381	Condiments	6
20	4	22	Condiments	7
21	6	25	Condiments	8
22	61	28.5	Condiments	9
23	8	40	Condiments	10
24	63	43.900001526	Condiments	11

Save Cancel Script 200 77 Rows: 1 77 row(s) fetched - 1ms, on 2023-01-11 at 18:21:58 CET en Writable Smart Insert 61:1 [216] Sel: 216 | 4

DBeaver 22.2.4 - weather\_station\_locations

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto postgres public@northwind\_postgres

Database Navigator X Enter a part of object name here

Properties Data ER Diagram

Table Name: weather\_station\_locations Object ID: 25360  
Tablespace: pg\_default Owner: postgres  
 Has Row-Level Security  Partitions  
Partition by:  
Comment:

Columns Column Name # Data type Identity Collation Not Null Default Comment  
123wban 1 int4 [ ]  
abcNAME 2 varchar(50) default [ ]  
abcSTATE/COUNT... 3 varchar(50) default [ ]  
abclat 4 varchar(50) default [ ]  
abclon 5 varchar(50) default [ ]  
123elev 6 int4 [ ]  
123latitude 7 float4 [ ]  
123longitude 8 float4 [ ]

Constraints  
Foreign Keys  
Indexes  
Dependencies  
References  
Partitions  
Triggers  
Rules  
Policies  
Statistics  
Permissions  
DDL  
Virtual

Project - General X

Name DataSource

Bookmarks Diagrams Scripts

weather\_station\_locations 8 items

Save ... Revert Refresh CET en

DBeaver 22.2.4 - <northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto northwind\_postgres public@northwind\_postgres

Database Navigator X Enter a part of object name here

DBeaver Sample Database (SQLite)

northwind\_postgres - localhost:5432

Databases

northwind\_postgres

- Schemas
- public
  - Tables
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  - Materialized Views
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Roles

Administer

System Info

postgres - localhost:5432

\*<northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql X

```
66 /*3. Wczytaj pliki Summary of Weather.csv i Weather Station Locations.csv.
67 W przypadku problemów ze zrozumieniem danych spójrz tutaj: https://www.kaggle.com/smid80/weatherww2
68 4. Wykonaj zapytania, które odpowiadają na te pytania*/
69
70 --a.Jaka była i w jakim kraju miała miejsce najwyższa dzienna amplituda temperatury?
71
72 --maksymalna amplituda dla stopni Celcjusza
73 select distinct wsl."STATE/COUNTRY ID",
74 max (sow.maxtemp-sow.mintemp) max_amplituda
75 from summary_of_weather sow
76 full join weather_station_locations wsl on sow.sta = wsl.wban
77 group by wsl."STATE/COUNTRY ID"
78 having max (sow.maxtemp-sow.mintemp) is not null
79 order by max_amplituda desc
80
81 --maksymalna amplituda dla stopni Farenhajta
82 select distinct wsl."STATE/COUNTRY ID",
83 max (sow.max - sow.min) max_amplituda
84 from summary_of_weather sow
85 full join weather_station_locations wsl on sow.sta = wsl.wban
86 group by wsl."STATE/COUNTRY ID"
87 having max (sow.maxtemp-sow.mintemp) is not null
88 order by max_amplituda desc
89
```

weather\_station\_locations 1 X

select distinct wsl."STATE/COUNTRY ID", max (sow.maxtemp-sow.mintemp)

STATE/COUNTRY ID	max_amplituda
CS	46.1111145
MC	38.33333588
GL	28.88888931
AL	24.44444656
MT	22.77777863
GU	21.11111069
CU	20
PM	19.44444656
JM	18.88888931
SG	18.88888931

Save Cancel Script 200 28 Rows: 1 28 row(s) fetched - 41ms, on 2023-01-11 at 18:23:24 CET en Writable Smart Insert 73 : 1 [292] Sel: 292 | 7

5°C Duże zachmurzenie... Wyszukaj

18:23 11.01.2023

DBeaver 22.2.4 - <northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto northwind\_postgres public@northwind\_postgres

Database Navigator X Enter a part of object name here

DBeaver Sample Database (SQLite)

northwind\_postgres - localhost:5432

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\*<northwind\_postgres> sql\_1 Anna\_Wojtczak\_queries.sql X

```
--b. Z czym silniej skorelowana jest średnia dzienna temperatura dla stacji - szerokością (latitude) czy długością (longitude) geograficzną?
select
corr(sow.mintemp,wsl.latitude) as korelacja_sr_tem_z_szerokoscia,
corr(sow.mintemp,wsl.longitude) as korelacja_sr_tem_z_dlugoscia
from summary_of_weather sow
join weather_station_locations wsl on sow.sta = wsl.wban
```

Results 1

select corr(sow.mintemp,wsl.latitude) as korelacja\_sr\_ten

	korelacja_sr_tem_z_szerokoscia	korelacja_sr_tem_z_dlugoscia
1	-0.831247843	-0.3539347082

Project - General X

Name DataS

Record

Save Cancel Script 200 1 Rows: 1 1 row(s) fetched - 44ms, on 2023-01-11 at 18:24:01 CET en Writable Smart Insert 92:1 [229] Sel: 229 | 5

5°C Duże zachmurze... Wyszukaj

18:24 11.01.2023

DBeaver 22.2.4 - <northwind\_postgres> sql\_1\_anna\_wojtczak\_queries.sql

File Edit Navigate Search SQL Editor Database Window Help

SQL Commit Rollback Auto northwind\_postgres public@northwind\_postgres

Database Navigator X

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DBeaver Sample Database (SQLite)

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postgres - localhost:5432

\*<northwind\_postgres> sql\_1\_anna\_wojtczak\_queries.sql X

```
120
121 --obserwacje, w których suma opadów atmosferycznych przekroczyła sumę opadów z ostatnich 5 obserwacji na danej stacji
122 select
123 v_summary_of_weather_opady_pozycja_obserwacji."Date",
124 v_summary_of_weather_opady_pozycja_obserwacji.sta,
125 v_summary_of_weather_opady_pozycja_obserwacji.opady,
126 sum(opady) suma_opadow, suma_opadow_z_5_ostatnich_obserwacji_nadanej_stacji
127 from v_summary_of_weather_opady_pozycja_obserwacji
128 join v_5_ostatnich on v_5_ostatnich.sta= v_summary_of_weather_opady_pozycja_obserwacji.sta
129 group by v_summary_of_weather_opady_pozycja_obserwacji.sta,
130 suma_opadow_z_5_ostatnich_obserwacji_nadanej_stacji,
131 v_summary_of_weather_opady_pozycja_obserwacji."Date",
132 v_summary_of_weather_opady_pozycja_obserwacji.opady
133 having sum(opady)>suma_opadow_z_5_ostatnich_obserwacji_nadanej_stacji
134 order by v_summary_of_weather_opady_pozycja_obserwacji.sta
135
```

v\_summary\_of\_weather\_opady\_pozycja\_obserwacji(+ 1) X

select v\_summary\_of\_weather\_opady\_pozycja\_obserwacj... Enter a SQL expression to filter results (use Ctrl+Space)

	Date	sta	opady	suma_opadow	suma_opadow_z_5_ostatnich_obserwacji_nadanej_stacji
1	1942-10-14	10,001	25.654	25.654	8.636
2	1942-10-17	10,001	40.132	40.132	8.636
3	1942-11-27	10,001	19.05	19.05	8.636
4	1942-12-3	10,001	23.876	23.876	8.636
5	1943-1-2	10,001	12.192	12.192	8.636
6	1943-10-30	10,001	9.906	9.906	8.636
7	1943-10-5	10,001	9.144	9.144	8.636
8	1943-11-23	10,001	9.652	9.652	8.636
9	1943-11-27	10,001	13.97	13.97	8.636
10	1943-2-16	10,001	33.274	33.274	8.636
11	1943-3-12	10,001	19.304	19.304	8.636
12	1943-3-15	10,001	47.752	47.752	8.636
13	1943-4-12	10,001	10.16	10.16	8.636
14	1943-4-14	10,001	27.178	27.178	8.636
15	1943-4-15	10,001	30.48	30.48	8.636
16	1943-5-12	10,001	10.668	10.668	8.636
17	1943-5-2	10,001	45.212	45.212	8.636

Save Cancel Script 200 200+ Rows: 1 200 row(s) fetched - 1.76s, on 2023-01-11 at 18:24:58 CET en Writable Smart Insert 122 : 1 [746] Sel: 746 | 13