



COHORT 7B (Vephla)/postgres@PostgreSQL 15



Query Query History

Scratch Pad X

```
315
316
317 SELECT age,
318 CASE
319 WHEN age <=20 THEN 'Young'
320 WHEN age <40 THEN 'Adults'
321 WHEN age<=60 THEN 'Older'
322 ELSE 'Aged'
323
324 END as Age_classification
325 FROM Customer ;
326
```

Data Output Messages Notifications



	age integer	age_classification text
1	67	Aged
2	31	Adults
3	65	Aged
4	20	Young
5	50	Older

Total rows: 793 of 793

Query complete 00:00:00.167

Ln 325, Col 16





COHORT 7B (Vephla)/postgres@PostgreSQL 15



Query Query History

Scratch Pad x

```
329
330 SELECT * FROM sales
331 SELECT AVG(sales) FROM sales
332
333 SELECT *,
334 CASE
335 WHEN sales > 229.85 THEN 'Yes'
336 ELSE 'No'
337
338 END AS Profit_above_average_or_Not
339 FROM sales;
340
```

Data Output Messages Notifications



	ship_mode text	customer_id character varying	product_id text	sales double precision	quantity integer	discount double precision	profit double precision	profit_above_average_or_not text
1	Second Class	CG-12520	FUR-BO-10001798	261.96	2	0	41.9136	Yes
2	Second Class	CG-12520	FUR-CH-10000454	731.94	3	0	219.582	Yes
3	Second Class	DV-13045	OFF-LA-10000240	14.62	2	0	6.8714	No
4	Standard Class	SO-20335	FUR-TA-10000577	957.5775	5	0.45	-383.031	Yes
5	Standard Class	SO-20335	OFF-ST-10000760	22.368	2	0.2	2.5164	No

Total rows: 1000 of 9994 Query complete 00:00:00.269

Ln 340, Col 1





COHORT 7B (Vephla)/postgres@PostgreSQL 15



Query Query History

Scratch Pad ✕

```
304 SELECT * FROM Customer
305
306 SELECT *,
307 CASE
308 WHEN age <=20 THEN 'Young'
309 WHEN age <40 THEN 'Adults'
310 WHEN age<=60 THEN 'Older'
311 ELSE 'aged'
312
313 END as Age_classification
314 FROM Customer ;
315
316
```

Data Output Messages Notifications



		segment character varying	age integer	country character varying	city character varying	state character varying	postal_code integer	region character varying	age_classification text
1		Consumer	67	United States	Henderson	Kentucky	42420	South	aged
2		Corporate	31	United States	Los Angeles	California	90036	West	Adults
3		Consumer	65	United States	Fort Lauderdale	Florida	33311	South	aged
4		Consumer	20	United States	Los Angeles	California	90032	West	Young
5		Consumer	50	United States	Concord	North Carolina	28027	South	Older

Total rows: 793 of 793

Query complete 00:00:00.181

Ln 312, Col 1



26°C



1:55 PM

6/1/2023



COHORT 7B (Vephla)/postgres@PostgreSQL 15



Query Query History

Scratch Pad X

```
353 WHERE region = 'West')
354
355 SELECT * FROM West_Region
356
357 /*JOIN the customer table and the sales table together and form a new table
358 that include names, age, sales and quantity*/
359
360 SELECT customer_name, age, sales, quantity
361 FROM Customer
362 LEFT JOIN
363 sales
364 ON customer.customer_id = sales.customer_id ;
```

Data Output

Messages

Notifications



	customer_name character varying	age integer	sales double precision	quantity integer
1	Claire Gute	67	261.96	2
2	Claire Gute	67	731.94	3
3	Darrin Van Huff	31	14.62	2
4	Sean O'Donnell	65	957.5775	5
5	Sean O'Donnell	65	22.368	2
6	Sean O'Donnell	65	10.06	2

Total rows: 1000 of 9994

Query complete 00:00:00.158

Ln 360, Col 1

- > Foreign Tables
- > Functions
- > Materialized Views
- > Operators
- > Procedures
- > Sequences
- > Tables (13)
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 - > customer
 - > employees
 - > product
 - > products
 - > profile
 - > sales
 - > score_sheet
 - > students
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 - > vephla_data
 - > vephla_data_employees
 - > vephla_data_students
- > Trigger Functions
- > Types
- > Views
- > Subscriptions
- > postgres
- > Login/Group Roles
- > Tablespaces



COHORT 7B (Vephla)/postgres@PostgreSQL 15



Query Query History

Scratch Pad

```
328 organization done by each customer is above average or not */
329
330 SELECT * FROM sales
331 SELECT AVG(sales) FROM sales
332
333 SELECT *,
334 CASE
335 WHEN sales > 229.85 THEN 'Yes'
336 ELSE 'No'
337
338 END AS sales_above_average_or_Not
339 FROM sales;
```

Data Output Messages Notifications



	ship_mode text	customer_id character varying	product_id text	sales double precision	quantity integer	discount double precision	profit double precision	sales_above_average_or_not text
1	Second Class	CG-12520	FUR-BO-10001798	261.96	2	0	41.9136	Yes
2	Second Class	CG-12520	FUR-CH-10000454	731.94	3	0	219.582	Yes
3	Second Class	DV-13045	OFF-LA-10000240	14.62	2	0	6.8714	No
4	Standard Class	SO-20335	FUR-TA-10000577	957.5775	5	0.45	-383.031	Yes
5	Standard Class	SO-20335	OFF-ST-10000760	22.368	2	0.2	2.5164	No

Total rows: 1000 of 9994

Query complete 00:00:00.156

Ln 339, Col 12





Servers

PostgreSQL 15

Databases (2)

COHORT 7B (Vephla)

Casts

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Event Triggers

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Collations

Domains

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FTS Parsers

FTS Templates

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Materialized Views

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Sequences

Tables (10)

COHORT 7B (Vephla)/postgres@PostgreSQL 15



Query Query History

Scratch Pad X

```
14
15 --updating all USA to Nigeria
16
17 UPDATE profile
18 SET country = 'Nigeria'
19 WHERE country = 'USA'
20
21 SELECT * FROM profile
22 WHERE country = 'Nigeria'
23
24 --Filtering customers from Switzerland using WHERE statement
25 SELECT * FROM profile
26 WHERE country = 'Switzerland'
```

Data Output Messages Notifications



	customer character varying	customer_id [PK] integer	company character varying	country character varying	issuer_id integer
1	Crystal Doyle	4761	Silvrr	Switzerland	11
2	Ann Withers	4236	Didactic	Switzerland	14
3	Paul Hill	4354	Fightrr	Switzerland	15

Total rows: 3 of 3

Query complete 00:00:00.186

Ln 25, Col 1

Browser

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Dashboard Properties SQL Statistics Dependencies COHORT 7B (Vephla)/postgres@PostgreSQL 15*

COHORT 7B (Vephla)/postgres@PostgreSQL 15

Query Query History

```
42      state varchar,  
43      postal_code INT,  
44      region varchar)  
45  
46      SELECT * FROM customer  
47  
48  CREATE table product (product_id text PRIMARY KEY,  
49      category varchar,  
50      sub_category varchar,  
51      product_name text)  
52  
53      SELECT * FROM product  
54
```

Scratch Pad

Data Output Messages Notifications

	product_id [PK] text	category character varying	sub_category character varying	product_name text
1	FUR-BO-100017...	Furniture	Bookcases	Bush Somerset Collection Bookcase
2	FUR-CH-100004...	Furniture	Chairs	Hon Deluxe Fabric Upholstered Stacking Chairs Rounded Back
3	OFF-LA-10000240	Office Supplies	Labels	Self-Adhesive Address Labels for Typewriters by Universal
4	FUR-TA-10000577	Furniture	Tables	Bretford CR4500 Series Slim Rectangular Table
5	OFF-ST-10000760	Office Supplies	Storage	Eldon Fold N Roll Cart System
6	FUR-FU-10001487	Furniture	Furnishings	Eldon Expressions Wood and Plastic Desk Accessories Cherry Wood

Total rows: 1000 of 1862 Query complete 00:00:00.146 Ln 53, Col 7



Servers

PostgreSQL 15

Databases (2)

COHORT 7B (Vephla)

Casts

Catalogs

Event Triggers

Extensions

Foreign Data Wrappers

Languages

Publications

Schemas (1)

public

Aggregates

Collations

Domains

FTS Configurations

FTS Dictionaries

FTS Parsers

FTS Templates

Foreign Tables

Functions

Materialized Views

Operators

Procedures

Sequences

Tables (10)

COHORT 7B (Vephla)/postgres@PostgreSQL 15



Query Query History

```
9 SET customer = 'Joseph Yobo'
10 WHERE customer_id = 4731
11
12 SELECT * From Profile
13 WHERE customer_id = 4731
14
15 --updating all USA to Nigeria
16 UPDATE profile
17 SET country = 'Nigeria'
18 WHERE country = 'USA'
19
20 SELECT * FROM profile
21 WHERE country = 'Nigeria'
```

Scratch Pad X

Data Output Messages Notifications



	customer character varying	customer_id [PK] integer	company character varying	country character varying	issuer_id integer
1	James Willard	4556	Blend	Nigeria	2
2	Richard Elliot	4706	Voltage	Nigeria	3
3	Robert Spear	4083	Inkly	Nigeria	4
4	Roger Mun	4093	Sleeps	Nigeria	5
5	Paul Garza	4364	Kind Ape	Nigeria	6
6	Robert Marquez	4882	Pet Feed	Nigeria	7

Total rows: 11 of 11

Query complete 00:00:00.092

Ln 18, Col 22