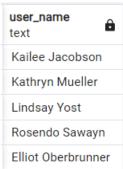
Lab 8

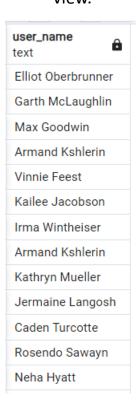
- 1. Create database Sales.
- 2. Create tables users, products, orders and fill them from attached file CREATE db Sales.txt.
- 3. Create a view named cheap_and_light_products that includes products with a price less than \$100 and a weight less than 10. Check to ensure that new rows satisfy the view-defining condition.
- 4. Insert new value (101, 'Awesome Hot Chips', 'Grocery', 10, 2) into cheap_and_light_products. Can you do this? Why?
- 5. Insert new value (103, 'Soft Flanel Shirt', 'Clothes', 105, 1) into cheap and light products. Can you do this? Why?
- 6. Create VIEW order_user with information about user's full name and order ID.
- 7. Retrieve full name from created order_user view, date of order for users, whose orders aren't shipped yet.

user_name text	order_date date
Caden Turcotte	2023-11-08
Miller Feil	2023-11-08
Arely McGlynn	2023-11-09
Elliot Oberbrunner	2023-11-09
Irma Wintheiser	2023-11-10
Ruby Turner	2023-11-10
Violette Heathcote	2023-11-10

8. Retrieve full name of users who have placed orders in the 'Tools' department and paid for the order, use order_user view.



9. List the users who have placed orders in the last 7 days, use order_user view.



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- 10. Change order_user view: retrieve user's full name and order ID just for unpaid orders.
- 11.Create VIEW user_sum to find the users who have placed orders and their total spending (sum of product prices) on those orders.

first_name character varying	last_name character varying	total_spending bigint
Orlando	Kerluke	2570
Johathan	Kirlin	1315
Vinnie	Feest	1661
Arely	McGlynn	388
Albertha	Yundt	1744
Lawrence	Casper	1005
Neha	Hyatt	1304
Sally	Mann	408
Alexanne	Dickens	211
	Character varying Orlando Johathan Vinnie Arely Albertha Lawrence Neha Sally	character varying Orlando Kerluke Johathan Kirlin Vinnie Feest Arely McGlynn Albertha Lawrence Neha Hyatt Sally Character varying Kerluke Kirlin Casper Hyatt Mann

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12. Find the users whose total spending less than 500, use view user_sum.

id integer	â	first_name character varying	last_name character varying	total_spending bigint
	42	Arely	McGlynn	388
	48	Sally	Mann	408
	26	Alexanne	Dickens	211
	35	Garth	McLaughlin	273
	1	Iva	Lindgren	328

13. Delete all created views.