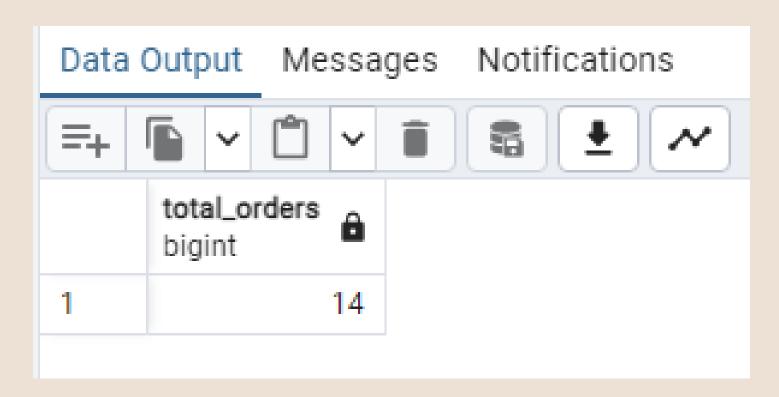
Fassos Rolls Analysis



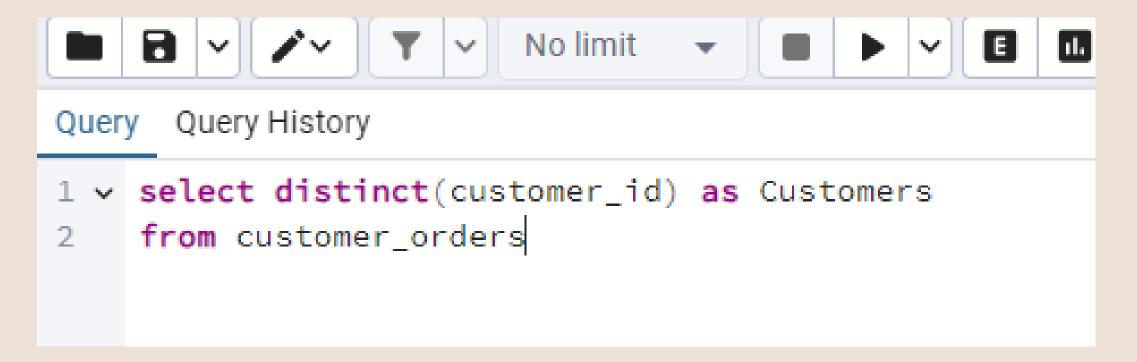
1. How many rolls you have ordered?

```
Query Query History

1 > select Count(order_id) as Total_orders
2 from customer_orders
```

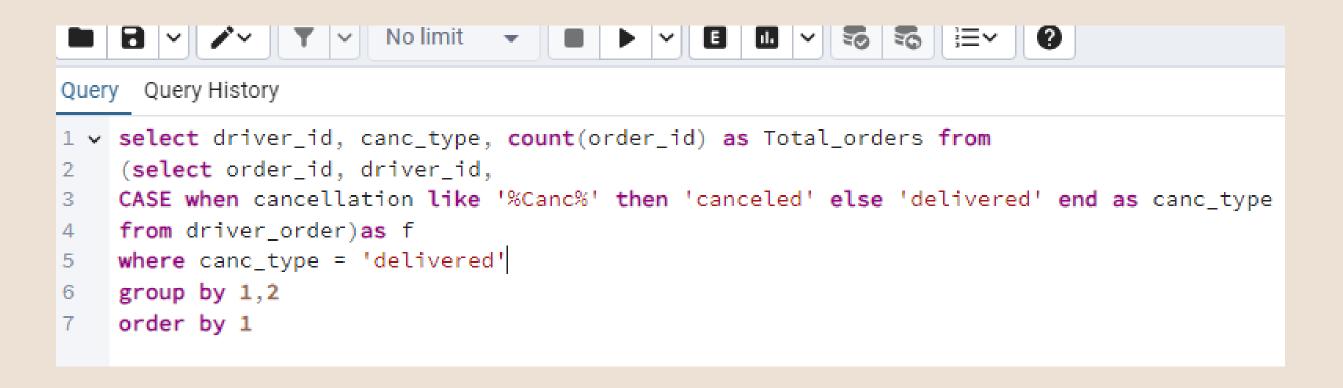


2. How many unique customer orders have you made?



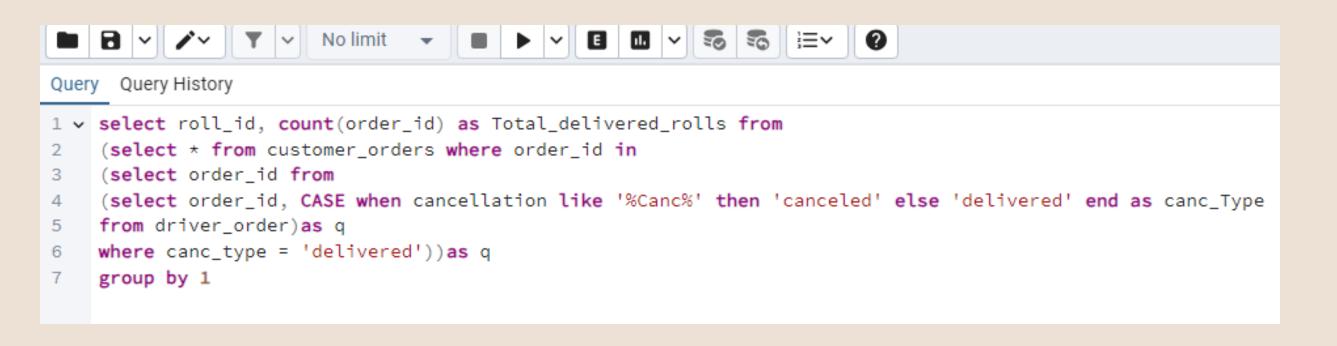
| Data | Output | Messages | Notifications |
|------|----------|----------|---------------|
| =+ | ~ | | |
| | custom | | |
| 1 | | 101 | |
| 2 | | 103 | |
| 3 | | 104 | |
| 4 | | 105 | |
| 5 | | 102 | |
| | | | |

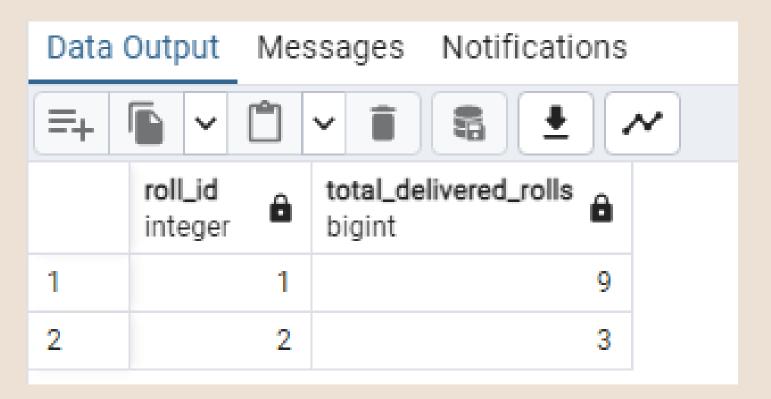
3. How many successful orders delivered by each driver?



| Data Output Messages Notifications | | | | |
|------------------------------------|----------------------|-------------------|------------------------|--|
| = + | | ~ | • ~ | |
| | driver_id integer | canc_type text | total_orders bigint | |
| 1 | 1 | delivered | 4 | |
| 2 | 2 | delivered | 3 | |
| 3 | 3 | delivered | 1 | |
| | | | | |

4. How many of each type of roll was delivered?





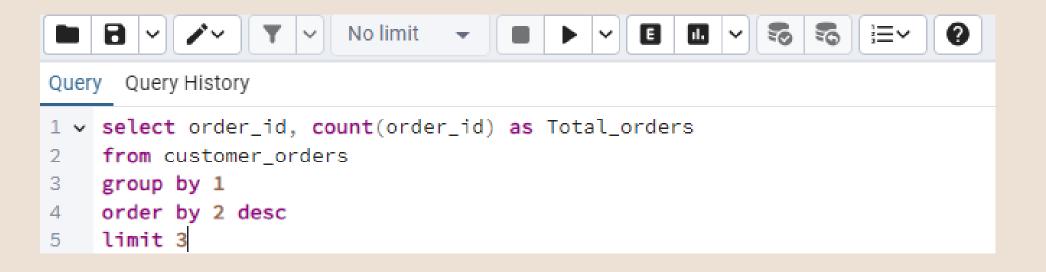
5. How many veg and non veg rolls were ordered by each of the customer?

```
Query Query History

1 v select customer_id, roll_name, count(order_id) as Total_orders from
2 (select c.order_id, c.customer_id, c.roll_id, r.roll_name
3 from customer_orders as c
4 join rolls as r
5 ON c.roll_id = r.roll_id)as f
6 group by 1,2
```

| Data (| Data Output Messages Notifications | | | | |
|--------|------------------------------------|-------------------------------------|------------------------|--|--|
| =+ | | | | | |
| | customer_id integer | roll_name character varying (30) | total_orders bigint | | |
| 1 | 103 | Veg Roll | 1 | | |
| 2 | 104 | Non Veg Roll | 3 | | |
| 3 | 103 | Non Veg Roll | 3 | | |
| 4 | 105 | Veg Roll | 1 | | |
| 5 | 102 | Non Veg Roll | 2 | | |
| 6 | 102 | Veg Roll | 1 | | |
| 7 | 101 | Non Veg Roll | 2 | | |
| 8 | 101 | Veg Roll | 1 | | |
| | | | | | |

6. What was the maximum number of order rolls delivered on a single order?



| Data (| Output N | 1es | sages | Notific | ations |
|--------|---------------------|-----|------------|---------|----------|
| =+ | |] | ~ = | 8 | ♣ |
| | order_id integer | a | total_ord | ders 🔒 | |
| 1 | | 4 | | 3 | |
| 2 | | 3 | | 2 | |
| 3 | 1 | 0 | | 2 | |

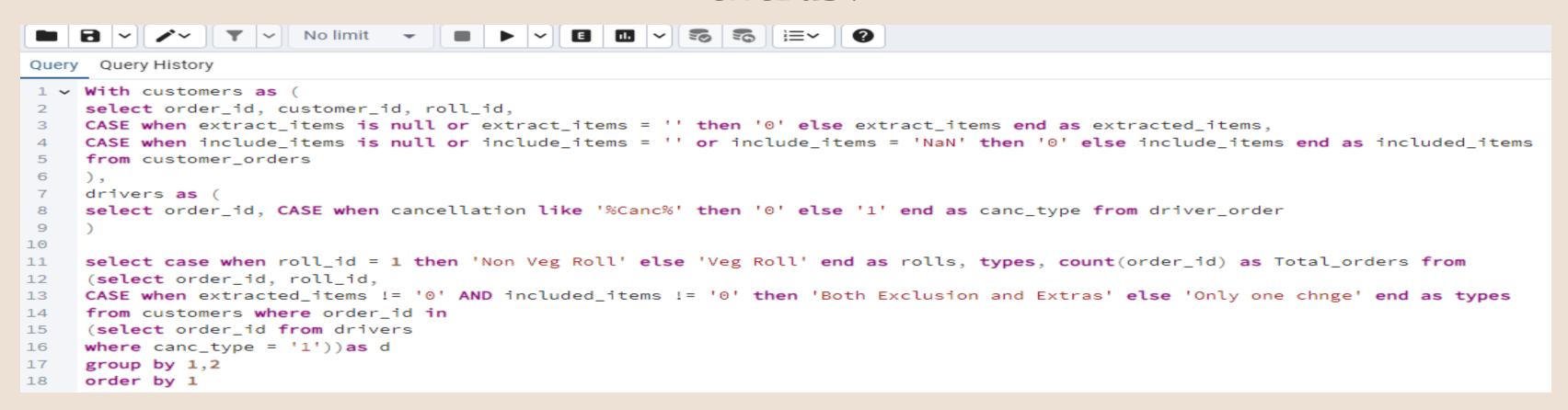
7. For each customer, how many delivered rolls had at least 1 change and how many had no change?

```
Query Query History

1 v With customers as (
2 select order_id, customer_id, roll_id,
3 CASE when extract_items is null or extract_items = '' then '0' else extract_items end as extracted_items,
4 CASE when include_items is null or include_items = '' or include_items = 'NaN' then '0' else include_items end as included_items
5 from customer_orders
6 ),
7 drivers as (
8 select order_id, CASE when cancellation like '%Canc%' then '0' else '1' end as canc_type from driver_order
9 )
10 select customer_id, typee, count(order_id) as Total_orders from
11 (select order_id, customer_id,
12 CASE when extracted_items != '0' or included_items != '0' then 'Atleast one change' else 'No change' end as typee from customers where order_id in
13 (select order_id from drivers
14 where canc_type = '1'))as d
15 group by 1,2
```

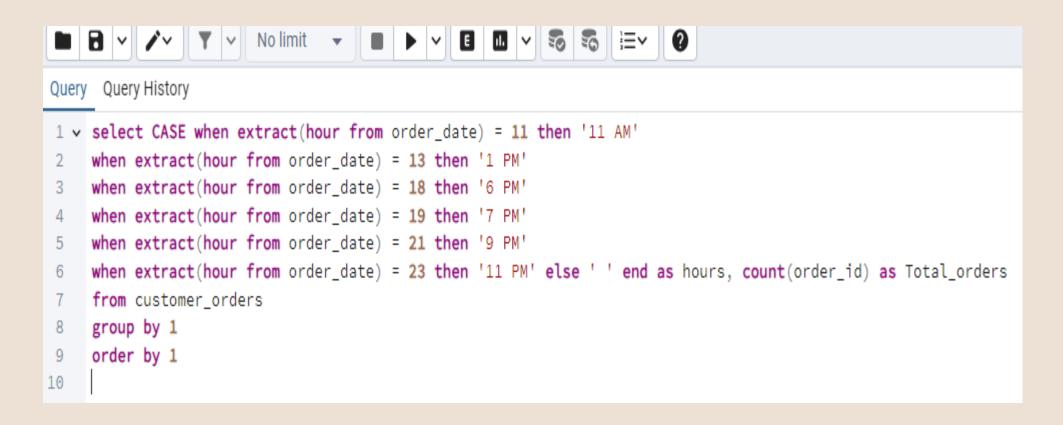
| Data (| Data Output Messages Notifications | | | | |
|--------|------------------------------------|--------------------|------------------------|--|--|
| =+ | | | | | |
| | customer_id integer | typee text | total_orders bigint | | |
| 1 | 101 | No change | 2 | | |
| 2 | 102 | No change | 3 | | |
| 3 | 103 | Atleast one change | 3 | | |
| 4 | 104 | Atleast one change | 2 | | |
| 5 | 104 | No change | 1 | | |
| 6 | 105 | Atleast one change | 1 | | |
| | | | | | |

8. How many rolls were delivered that had both exclusions and extras?



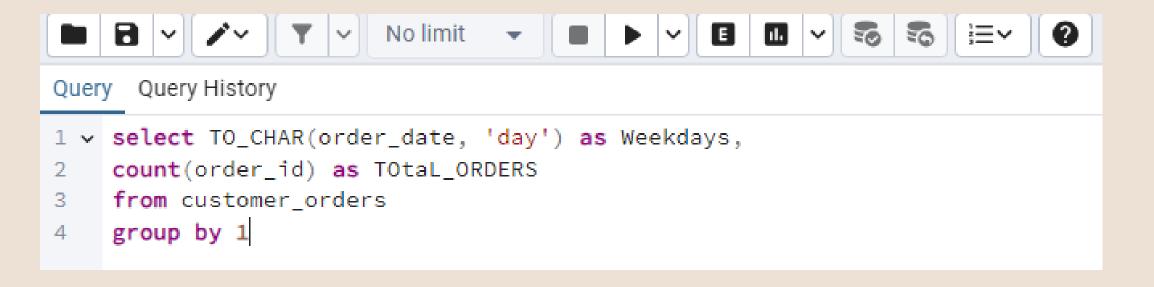
| Data | Data Output Messages Notifications | | | | | |
|------|------------------------------------|---------------------------|------------------------|--|--|--|
| =+ | | | | | | |
| | rolls text | types text | total_orders bigint | | | |
| 1 | Non Veg Roll | Both Exclusion and Extras | 1 | | | |
| 2 | Non Veg Roll | Only one chnge | 8 | | | |
| 3 | Veg Roll | Only one chnge | 3 | | | |
| | · | | | | | |

9. What was the total number of roles ordered for each hour of the day?



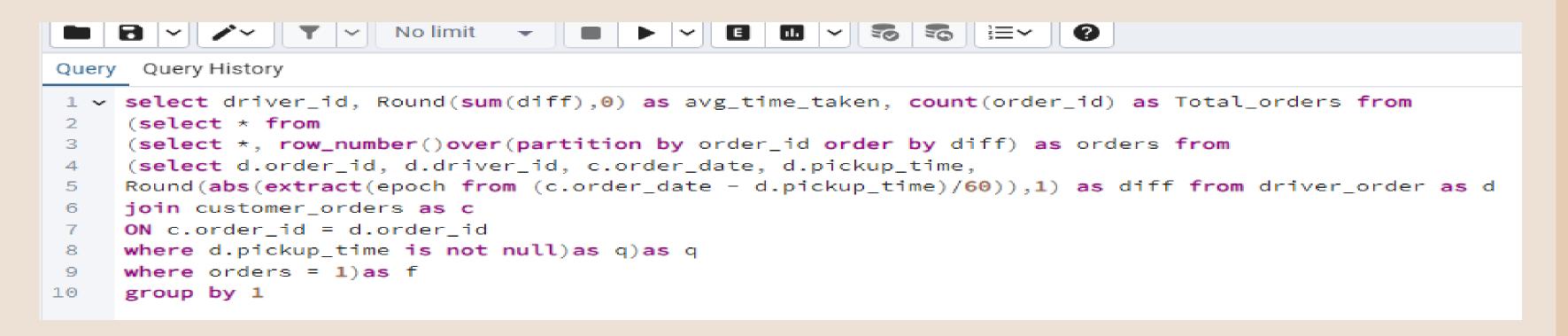
| Data (| Output Mes | sages Notific | ations |
|--------|---------------|------------------------|--------------|
| =+ | | | <u>*</u> [~] |
| | hours text | total_orders bigint | |
| 1 | 1 PM | 3 | |
| 2 | 11 AM | 1 | |
| 3 | 11 PM | 3 | |
| 4 | 6 PM | 3 | |
| 5 | 7 PM | 1 | |
| 6 | 9 PM | 3 | |

10. What was the number of orders for each day of the week



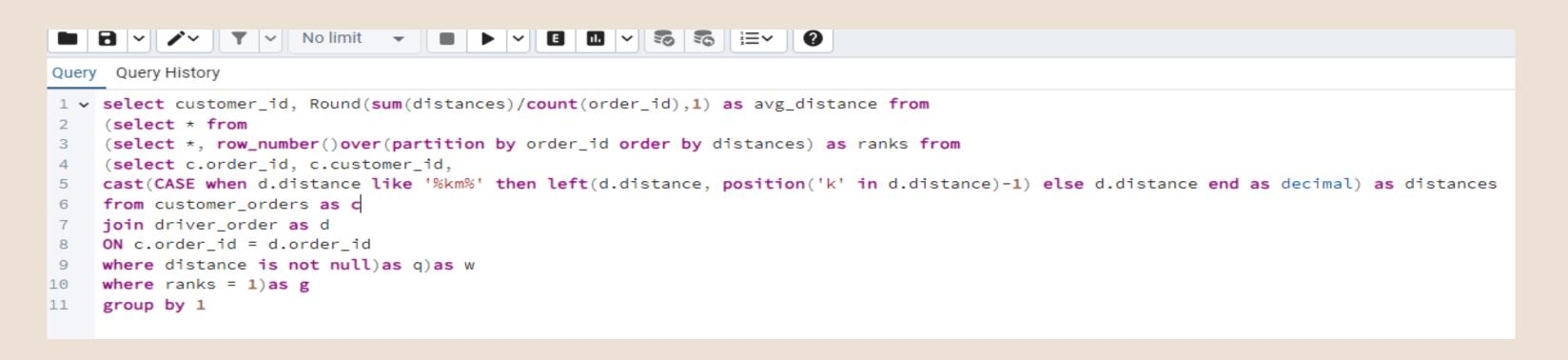
| Data (| Output Mess | ages Notificati | ons |
|------------|------------------|------------------------|-----|
| = + | ~ ° | | |
| | weekdays text | total_orders bigint | |
| 1 | sunday | 3 | |
| 2 | wednesday | 1 | |
| 3 | thursday | 3 | |
| 4 | monday | 4 | |
| 5 | friday | 3 | |
| | | | |

11. What was the average time in minutes it took for each driver to reach the HQ of fassos



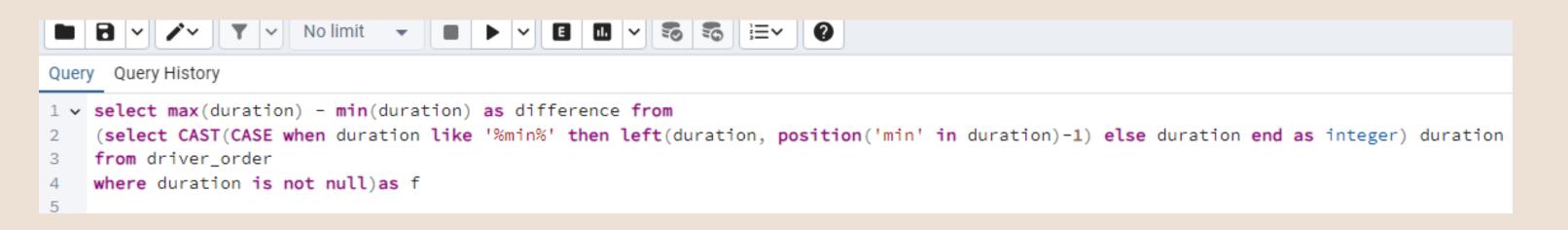
| Data Output Messages Notifications | | | | | |
|------------------------------------|-------------------|-----------------------------------|------------------------|--|--|
| =+ | ~ 1 | □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ | ~ | | |
| | driver_id integer | avg_time_taken numeric | total_orders bigint | | |
| 1 | 1 | 568784 | 4 | | |
| 2 | 2 | 1134660 | 3 | | |
| 3 | 3 | 295190 | 1 | | |

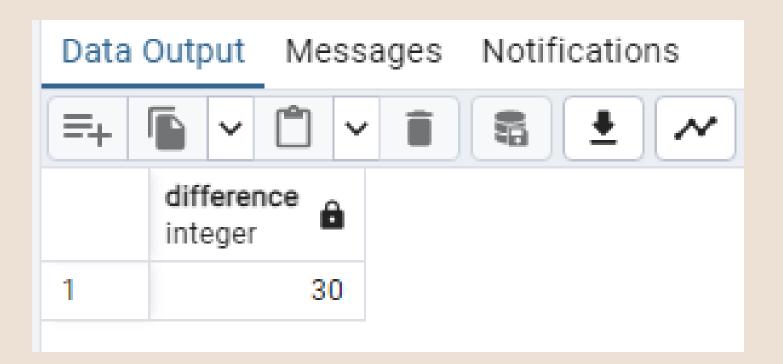
12. What was the average distance traveled for each customer



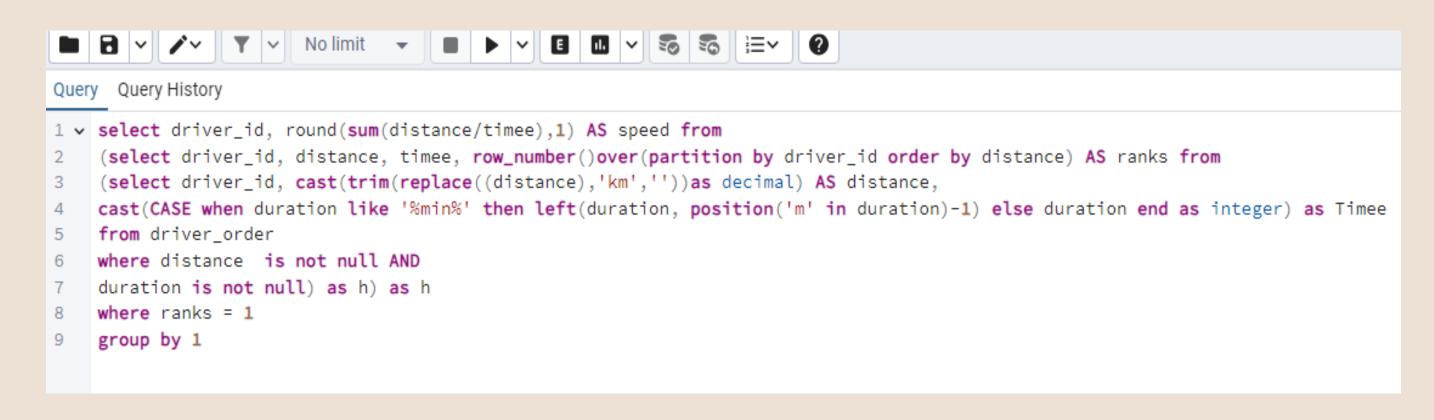
| Data | Data Output Messages Notifications | | | | |
|------|------------------------------------|-------------------------|--|--|--|
| =+ | ~ ° ~ | | | | |
| | customer_id integer | avg_distance numeric | | | |
| 1 | 101 | 20.0 | | | |
| 2 | 102 | 18.4 | | | |
| 3 | 103 | 23.4 | | | |
| 4 | 104 | 10.0 | | | |
| 5 | 105 | 25.0 | | | |
| | | | | | |

13. What was the difference between the longest and shortest delivery time for all orders



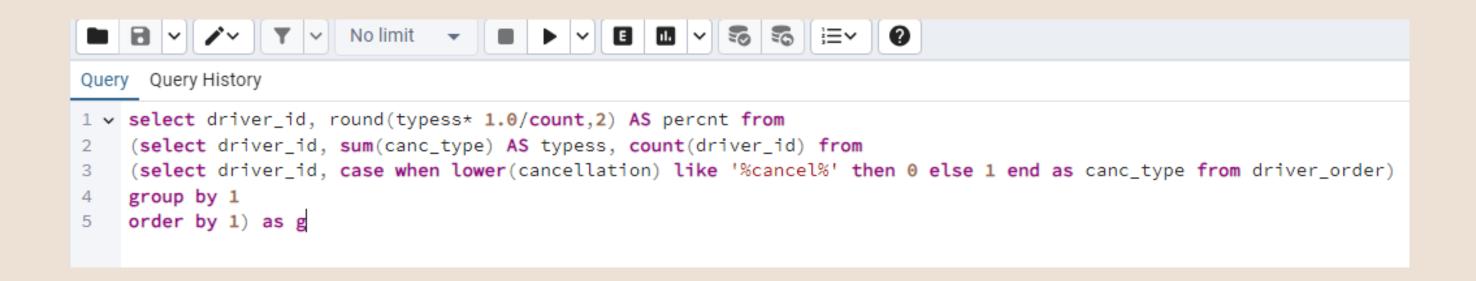


15. What is the average speed of each driver for each delivery and do you notice any trend for these values



| Data | Output Mes | sages Not | ifications |
|------------|----------------------|------------------|------------|
| = + | ~ 1 | v i 6 | • ~ |
| | driver_id integer | speed numeric | |
| 1 | 1 | 1.0 | |
| 2 | 2 | 1.6 | |
| 3 | 3 | 0.7 | |

16. What is the successful delivery percentage for each driver



| Data | Output Me | ssages No | tifications |
|------------|-------------------|-------------------|-------------|
| = + | | → ■ ■ | • ~ |
| | driver_id anteger | percnt numeric | |
| 1 | 1 | 1.00 | |
| 2 | 2 | 0.75 | |
| 3 | 3 | 0.50 | |
| | | | |

Thank you