

# SNOWFLAKE ASSIGNMENT

## 1.How many no of customers take trip from same location.

The screenshot shows the Snowflake web interface. On the left, the 'Databases' tab is active, and the 'CUSTOMERS' table is selected. The main query editor displays the following SQL query:

```
1 | select pickup_location, count(*) from customer group by pickup_location;
```

The 'Results' tab is selected, showing a table with 7 rows. The table has two columns: 'PICKUP\_LOCATION' and '# COUNT(\*)'. The data is as follows:

	PICKUP_LOCATION	# COUNT(*)
1	Fort Pierce	108
2	West Palm Beach	54
3	Cary	52
4	Jamaica	26
5	New York	26
6	Elmhurst	26
7	Midtown	78

On the right, the 'Query Details' panel shows the query duration and the query ID '01bc83f1'.

## 2.what is priority for each ride category from each location.

The screenshot shows the Snowflake web interface. The main query editor displays the following SQL query:

```
1 | select source,ride_category,count(ride_category) from admin_data group by  
source,ride_category order by count(ride_category) desc;|
```

The 'Results' tab is selected, showing a table with 7 rows. The table has three columns: 'SOURCE', 'RIDE\_CATEGORY', and '# COUNT(RIDE\_CATEGORY)'. The data is as follows:

	SOURCE	RIDE_CATEGORY	# COUNT(RIDE_CATEGORY)
1	Fort Pierce	Bike	25
2	Fort Pierce	Uber-Micro	24
3	Fort Pierce	Auto	21
4	Fort Pierce	Prime	19
5	Fort Pierce	Uber-Mini	19
6	Midtown	Uber-Mini	17
7	Midtown	Bike	16

On the right, the 'Query Details' panel shows the query duration and the query ID '01bc8404'.

### 3.what are the longest locations of customer travelled.

NEW.PUBLIC ▾ Settings ▾ Code Version: 1.0.0

```
1 | select passenger_name,trip_distance from customer order by trip_distance desc;
```

Results Chart

PASSENGER_NAME	# TRIP_DISTANCE
Haskel	80
Jacky	80
Charlena	80
Virginie	80
Collette	80
Darleen	80
Price	80

Query Details

Query duration

Rows

Query ID 01bc841c-3201-a2

Show more ▾

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### 4. Drivers who completed ride with non -vaccinated customer

NEW.PUBLIC ▾ Settings ▾ Code Version: 1.0.0

```
1 | select name from admin_data where vaccine_cus='NO' AND STATUS='Arrived';
```

Results Chart

	NAME
1	Mathian
2	Horten
3	Boyce
4	Berk
5	Aubert
6	Stavros
7	Norene

Query Details

Query duration

Rows

Query ID 01bc8423-3201-a2

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## 5. How many vaccinated customers have travelled.

NEW.PUBLIC ▾ Settings ▾ Code Version

```
1 | select riders_name from admin_data where vaccine_cus='NO' AND STATUS='Arrived';
```

Results Chart

	RIDERS_NAME
1	Mikkel
2	Kip
3	Cindi
4	Yasmeen
5	Burk
6	Natty
7	Kain

Query Details

Query duration

Rows

Query ID 01bc8425-3201-a2

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## 6. Customers who completed ride with non -vaccinated Drivers.

NEW.PUBLIC ▾ Settings ▾ Code Versions 🔍

```
1 | select count(riders_name) from admin_data where vaccine_cus='YES' AND STATUS='Arrived';
```

Results Chart

	# COUNT(RIDERS_NAME)
1	181

Query Details

Query duration 106ms

Rows 1

Query ID 01bc8426-3201-a2f3-0...

7.who is the customer completed highest no of rides.

NEW.PUBLIC Settings Co

```
1 select name from admin_data where vaccine_status='NO' AND STATUS='Arrived';
```

Results Chart

	A NAME
1	Mathian
2	Horten
3	Boyce
4	Berk
5	Aubert
6	Stavros
7	Norene

Query Details

Query duration

Rows

Query ID 01bc842...

Show more

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8.who is the driver completed highest no of rides.

NEW.PUBLIC Settings Code Versions

```
1 select PASSENGER_NAME, count(PASSENGER_NAME) from customer group by PASSENGER_NAME ORDER BY COUNT(PASSENGER_NAME) DESC LIMIT 1;
```

Results Chart

	A PASSENGER_NAME	# COUNT(PASSENGER_NAME)
1	Cher	10

Query Details

Query duration 92ms

Rows 1

Query ID 01bc8436-3201-a2f3-0...

Show more

## 9. what are first 10 age groups which uses uber services mostly.

NEW.PUBLIC ▾ Settings ▾ Code Versions

```
1 select DRIVER_NAME, count(DRIVER_NAME) from customer group by DRIVER_NAME ORDER BY  
COUNT(PASSENGER_NAME) DESC LIMIT 1;
```

Results Chart

	DRIVER_NAME	# COUNT(DRIVER_NAME)	
1	Frazier	2	

Query Details

Query duration 57n

Rows

Query ID 01b842d-3201-a400-

## 10. what is the count of different destination locations from same start location and also completed ride

NEW.PUBLIC ▾ Settings ▾ Open in Workspaces Code Versions

```
1 select pickup_location, count(distinct(drop_location)) from customer where  
2 trip_status='Arrived' and pickup_location!=drop_location group by pickup_location;
```

Results Chart

	PICKUP_LOCATION	# COUNT(DISTINCT(DROP_LOCATION))	
1	West Palm Beach	23	
2	Jamaica	8	
3	Midtown	19	
4	Flatiron District	9	
5	New York	8	
6	East Harlem	8	
7	Hudson Square	7	

Query Details

Query duration 179n

Rows

Query ID 01bc88c7-3201-a520-

Show more ▾

PICKUP\_LOCATION

11.what is the most expensive Driv

NEW:PUBLIC ▾

Settings ▾

Open in

1

2

```
select MAX(NET_FARE) from customer;
```

↶ Results

~ Chart

	# MAX(NET_FARE)	
1	5406	

Quer

Quer

Rows