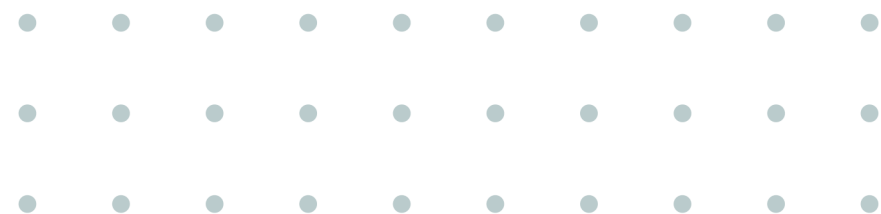


SCRIPT 3

Use the data in the case study to create the following output using SQL:

- user_id
 - SELECT distinct(id_user) user_id FROM rides
- ride_id
 - SELECT distinct(id_ride) ride_id FROM rides
- ride_start
 - SELECT ride_start_datetime ride_start FROM rides

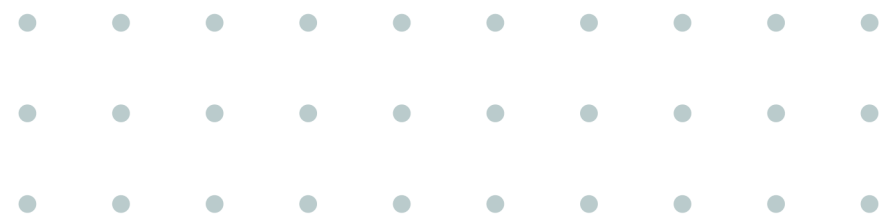


SCRIPT 3

Use the data in the case study to create the following output using SQL:

- Time a car is not used between two rides

```
WITH t AS (  
  SELECT id_vehicle, ride_start_datetime, ride_end_datetime,  
         LAG(ride_end_datetime) OVER (PARTITION BY id_vehicle ORDER BY ride_start_datetime) AS prev_end_time  
  FROM rides  
)  
SELECT id_vehicle, ride_start_datetime, ride_end_datetime, ride_start_datetime - prev_end_time AS idle_time  
FROM t  
WHERE prev_end_time IS NOT NULL;
```



SCRIPT 3

Use the data in the case study to create the following output using SQL:

- Time between two rides by customers

```
WITH t AS (  
  SELECT id_user, ride_start_datetime, ride_end_datetime,  
         LAG(ride_end_datetime) OVER (PARTITION BY id_user ORDER BY ride_start_datetime) AS prev_end_time  
  FROM rides  
)  
SELECT id_user, ride_start_datetime, ride_end_datetime, ride_start_datetime - prev_end_time AS idle_time  
FROM t  
WHERE prev_end_time IS NOT NULL;
```

