DMDD REPORT 3
GROUP 7

Introduction:

Bluebikes ride sharing is one of the highlights of the bicycle transportation in Boston. With 393 Bike stations and 3800 bikes, it has been an essential mode of commute. It is going very much hand-in-hand with Boston's reputation of being one of the most walkable cities. And, since the onset of Covid pandemic, Bluebikes has become an essential mode of commute for students, working class people as well as travelers. Bluebikes are easily available and affordable promoting self-distancing during pandemic.

Problem Statement:

The model that we propose ensures a smooth transaction and provides the rider with an efficient and smooth ride around the city. Through our model, we wish to solve problems related to Bluebike renting system has challenges due to payment issues and slow loading of the application. Common issues faced by the users are – not being able to rent or return bikes, etc. Fare calculation for the bikes according to time duration covered, membership mode of user and accepting discount coupons.
Ensure user data privacy and storage of past user reservations, bike inventory and creating data accessibility by roles and requirements.

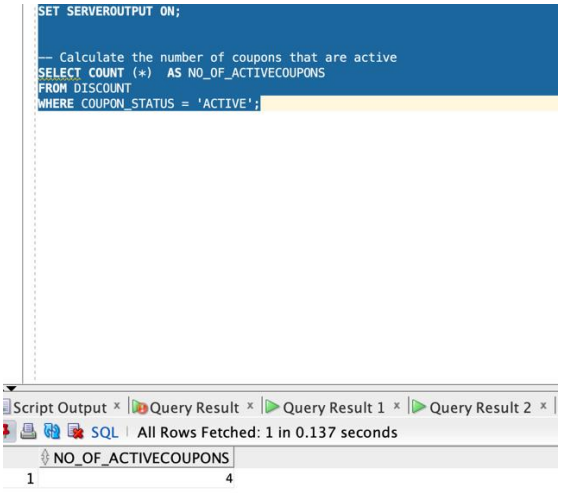
Objective : To find the number of coupons that are active

Description : When a customer is going to book a ride, he can apply a coupon for the ride. But for the coupon application to be successful, the coupon has to be active. Hence, it is important that we get all the coupons that are active.

QUERY :

```
SELECT COUNT (*)  AS NO_OF_ACTIVECOUPONS
FROM DISCOUNT
WHERE COUPON_STATUS = 'ACTIVE';
```

RESULTS :



CONCLUSION : The number of active coupons has been found out.