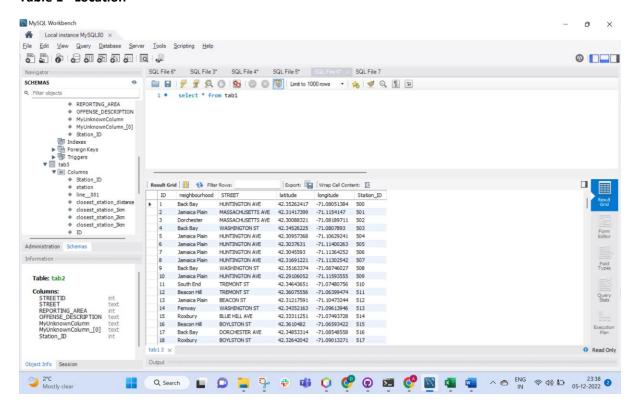
# Assignment 3- Gathering, Scraping, Munging and Cleaning Data Topic Name-NEU Transportation System

# Google Collab Link-

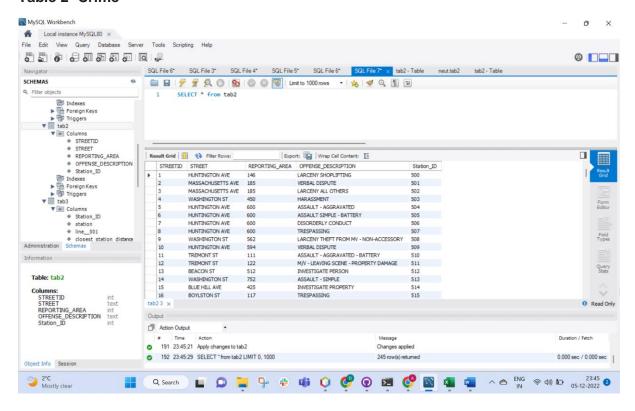
https://colab.research.google.com/drive/1TUc2razXpRgsD4SscANjOvPMCMASSEVK?usp=sharing

# Sample Table-

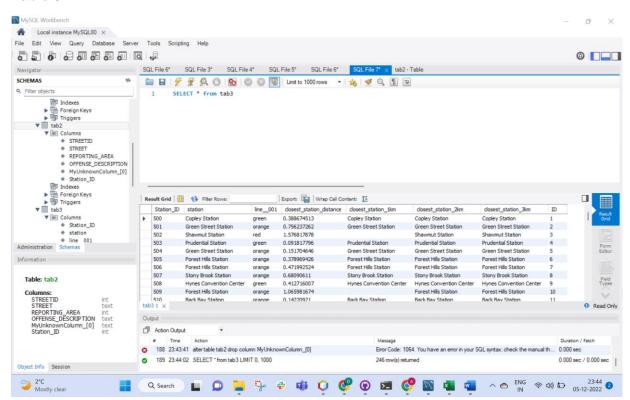
#### **Table 1 - Location**



# **Table 2- Crime**

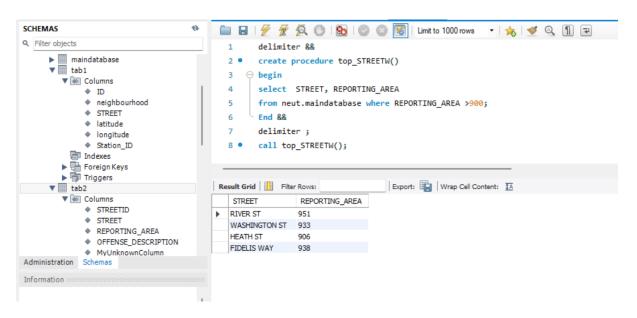


# **Table 3- MBTA**

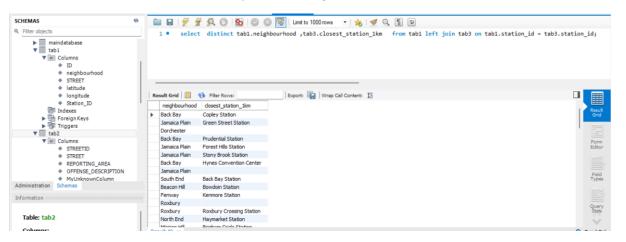


# **USE CASES**

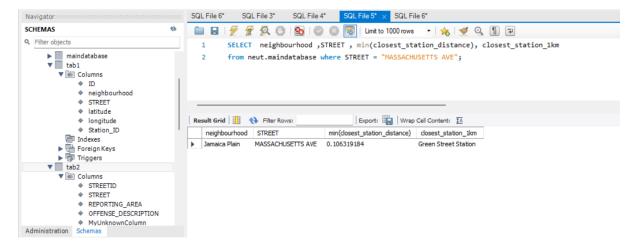
1. Created a store procedure for the crime reports more than 900



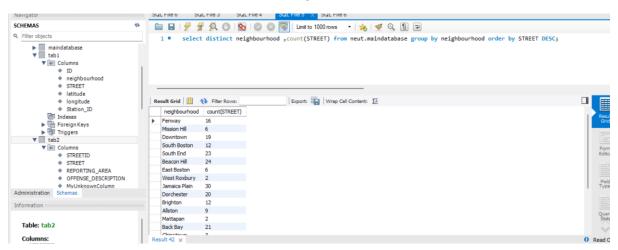
2. Which are the stations near to particular neighbourhood?



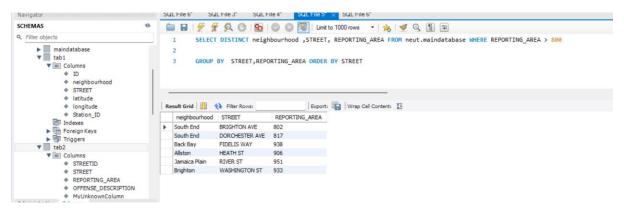
3. To find the nearest station, distance, neighbourhood from the street name MASSACHUSETTS AVE



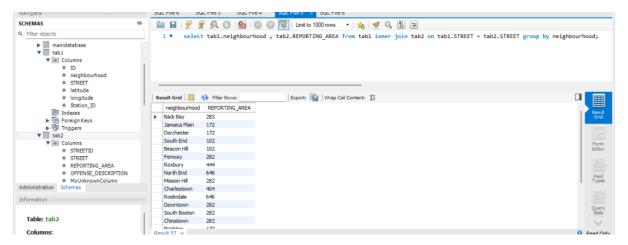
4. To count the number of street in each neighbourhood



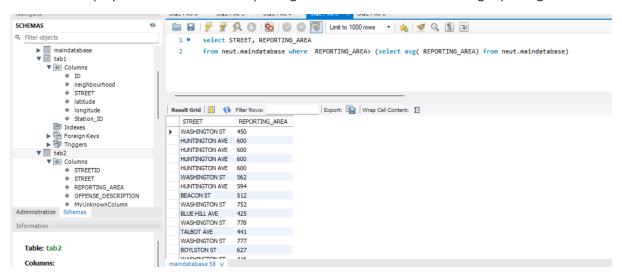
5. To find the street, neighbourhood name where reporting crime counts are more than 800



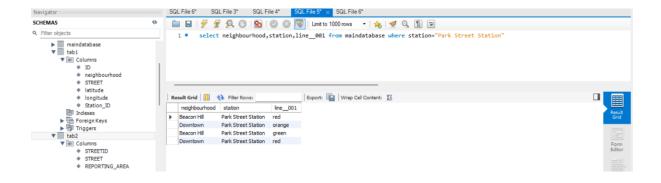
6. What is the count of reporting crime of a particular neighbourhood?



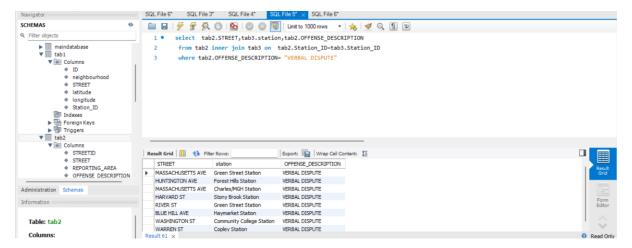
7. To display street name where Reporting crime count more than the avg reporting count



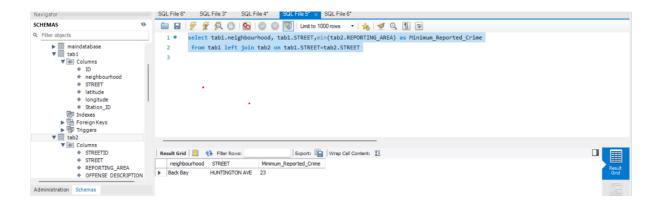
8. To select the station and neighbourhood name which has more than one train connection



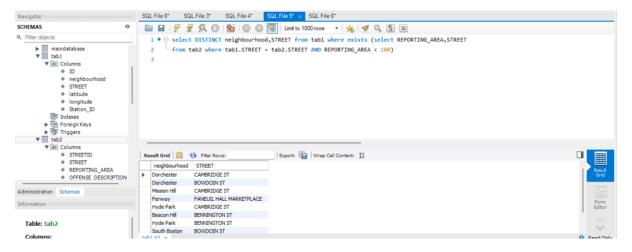
9. To select the street name and station who has committed the offence of Verbal Dispute



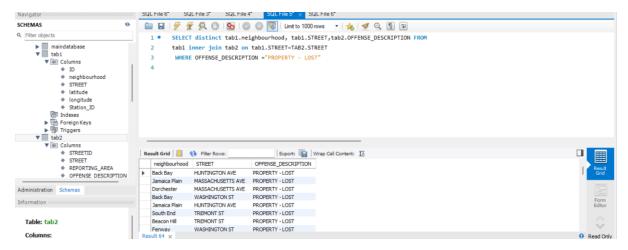
10. To select the neighbourhood, street and reported crime area which has the most minimum reported crime



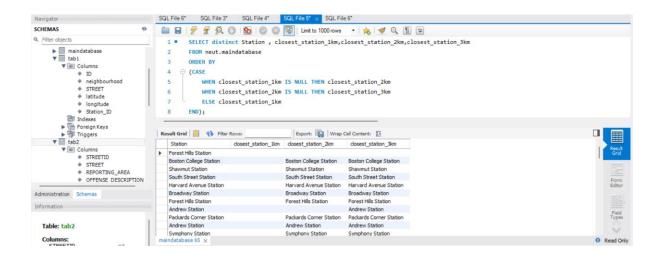
11. To find the neighbourhood name and street name who has reported crime less than 100



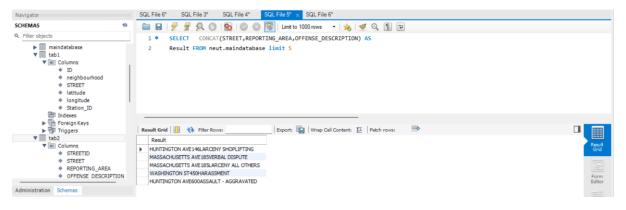
12. To find the Neighbourhood name and street name and who has reported the offense of property lost



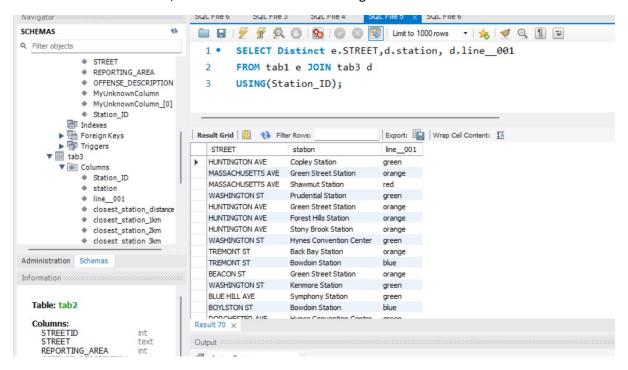
13. Check for the closest station from 1,2,3km using case expression



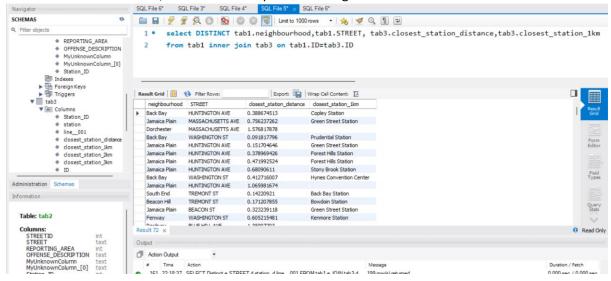
14. To find the recent 5 offense, reported crime of the streets



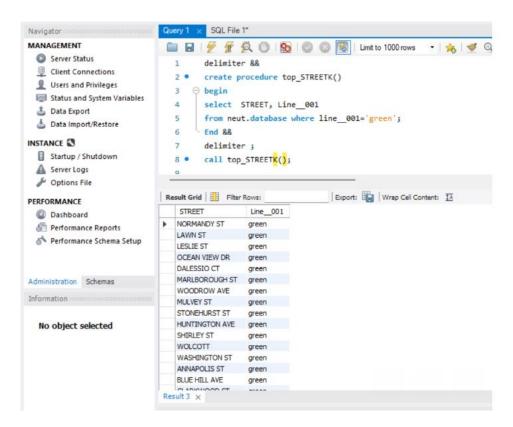
15. To find the station, the train line of the street using "USING Clause"



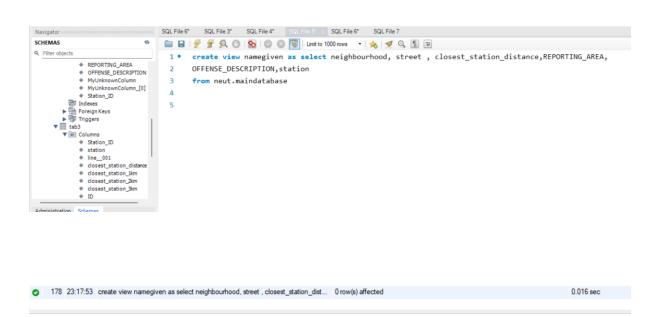
16. To find the closest station, distance from a particular neighbourhood and street.



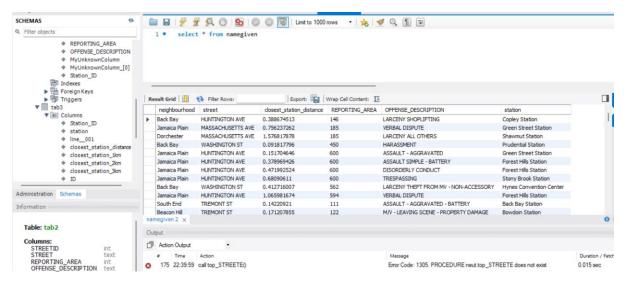
17.To create a stored procedure to show the street which are connected green line



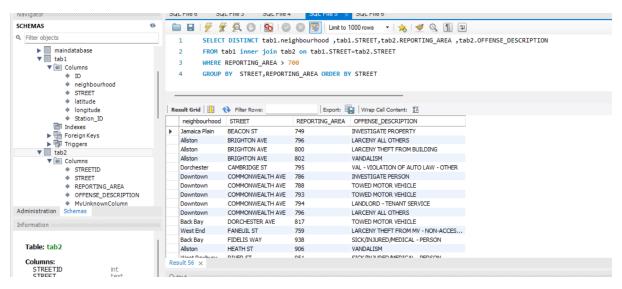
18. We have created a view and given the name (namegiven)



Now we have called the view which is to find the neighbourhood , street , closest station , reporting area offense description and station



19. To find street name, neighbourhood and offense description on the basis on reporting crime



20.To find the station which is farest from the street along with the distance using "PARTITION BY" clause

