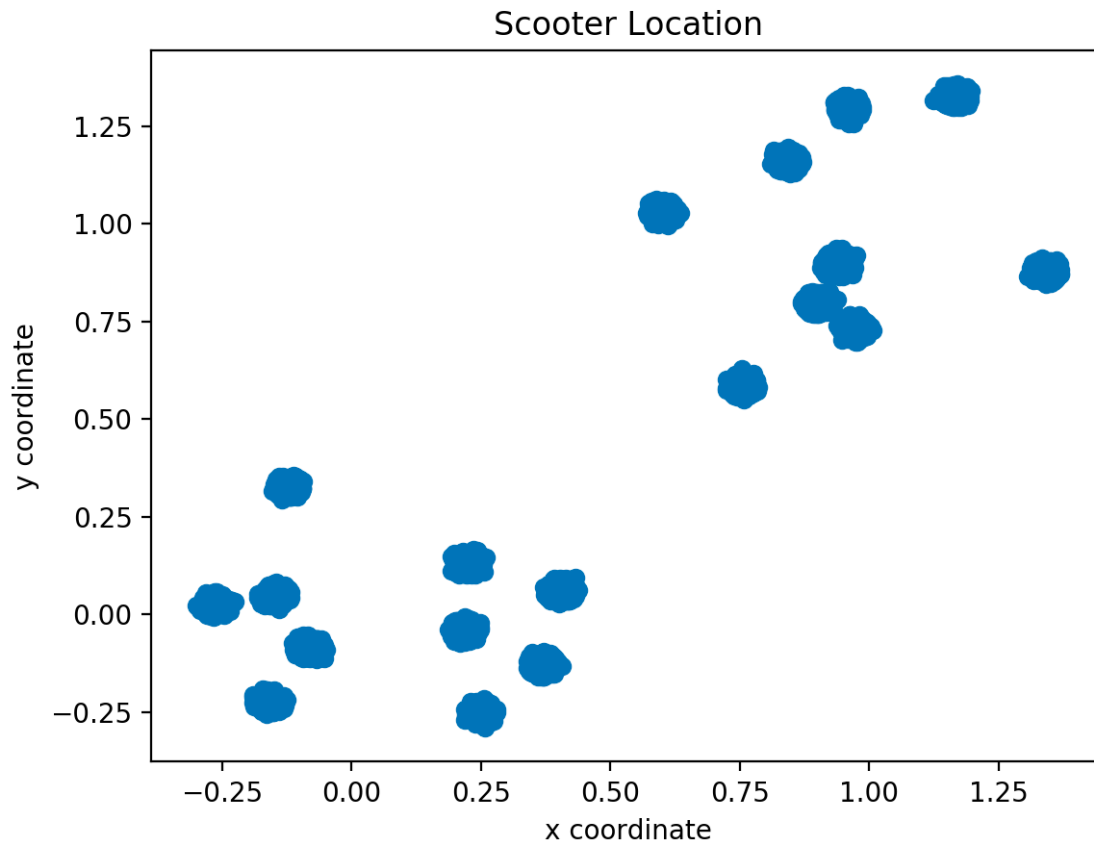


The idea of the mega charging bus is to drive to the all the most popular scooter locations (as shown in the graph below) in a shortest possible route and only visit each location once.



Consider the closest scooter's location as the first location that the mega charging bus, which is located at (20.19, 20.19), has to go to. Generate all  $(n-1)!$  permutations of all other popular locations. Calculate distance of every permutation and keep track of minimum distance permutation and then return the permutations with minimum cost. Here, it is assumed that the mega charging bus is able to charge all the scooters within a blue dot, which indicates one popular location of the scooters.