

– LOAD DATA –

LOAD CSV WITH HEADERS FROM

'https://raw.githubusercontent.com/Bedrockdude10/hackbeanpot-food-desert/main/grocery_stores.csv' AS line

CREATE

(s:Store {coord: point({longitude: toFloat(line.Longitude), latitude: toFloat(line.Latitude)}),
name: line.Store, neighborhood: line.Neighborhood, address: line.Address})

LOAD CSV WITH HEADERS FROM

'https://raw.githubusercontent.com/Bedrockdude10/hackbeanpot-food-desert/main/food_garden_s.csv' AS line

CREATE

(g:Garden {coord: point({longitude: toFloat(line.Longitude), latitude: toFloat(line.Latitude)}),
name: line.Name, neighborhood: line.Neighborhood, address: line.Address})

– IDENTIFY CLUSTERS –

MATCH (s1:Store) MATCH (s2:Store)

WHERE point.distance(s1.coord,s2.coord)<= 1609.34

AND NOT s1.coord = s2.coord

MERGE (s1)-[:ADJ_STORE{dist_mi:(point.distance(s1.coord,s2.coord)/1609.344)}}-(s2)