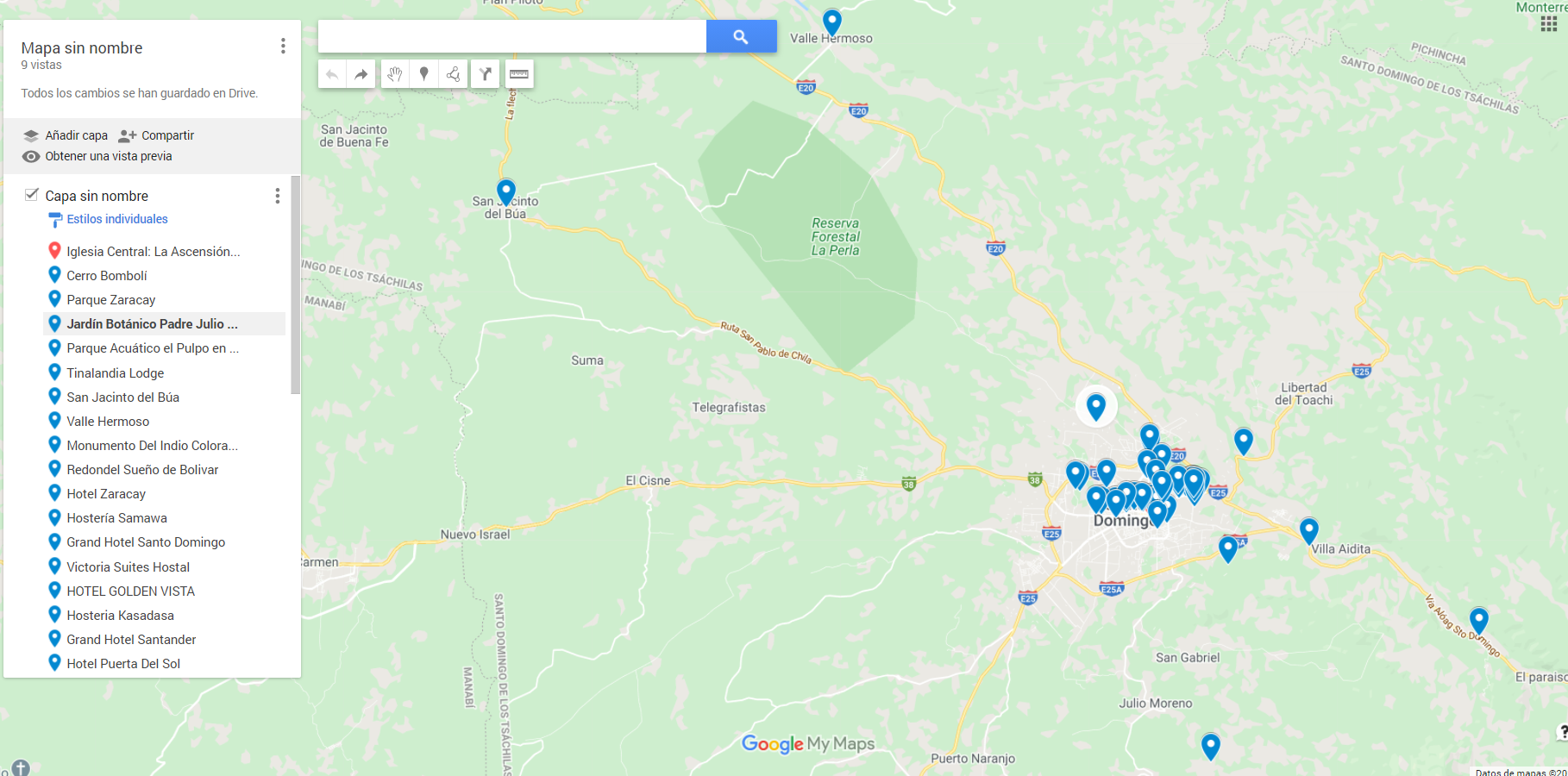
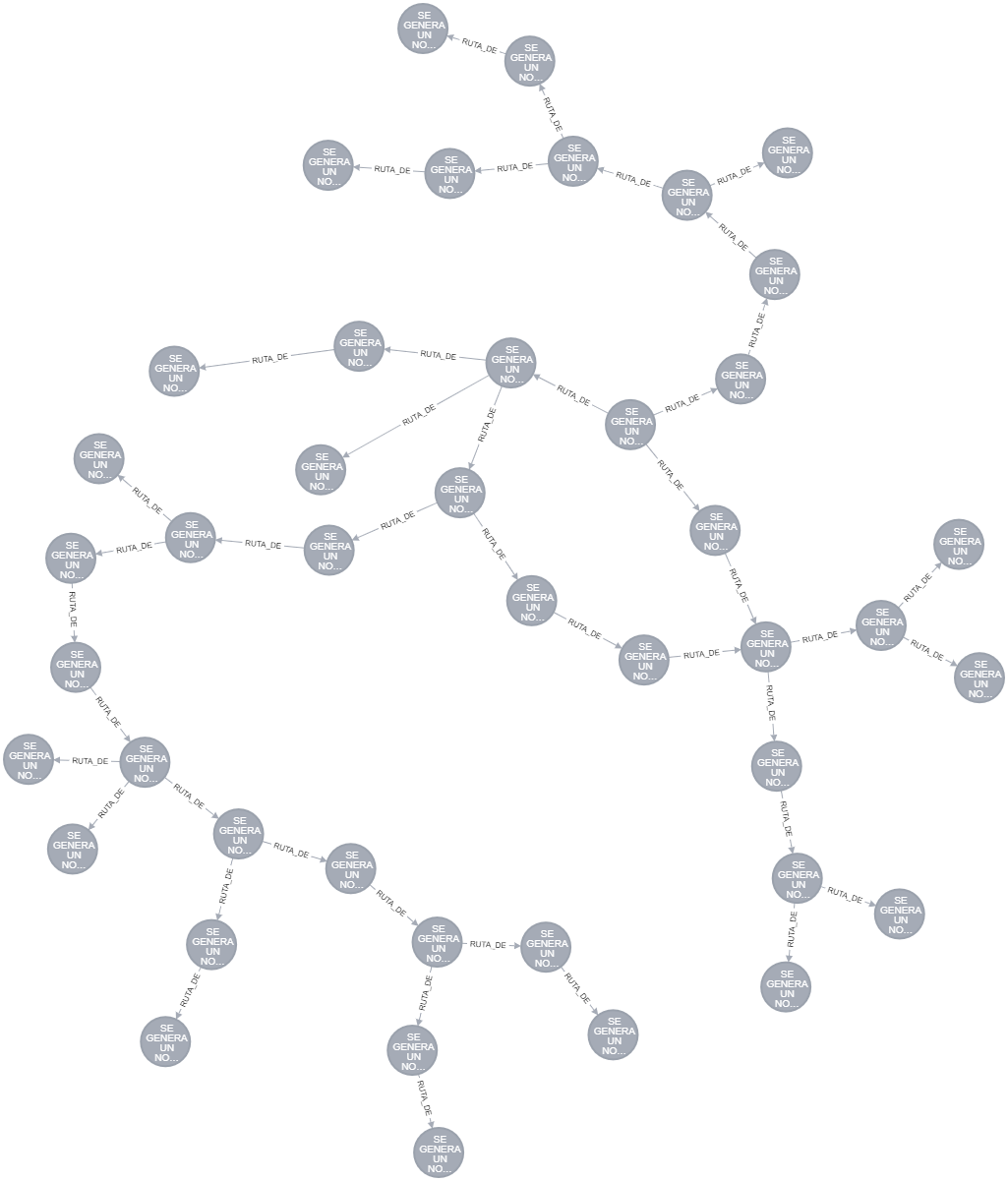
**PRUEBA DE INTELIGENCIA ARTICIAL**



En total 43.

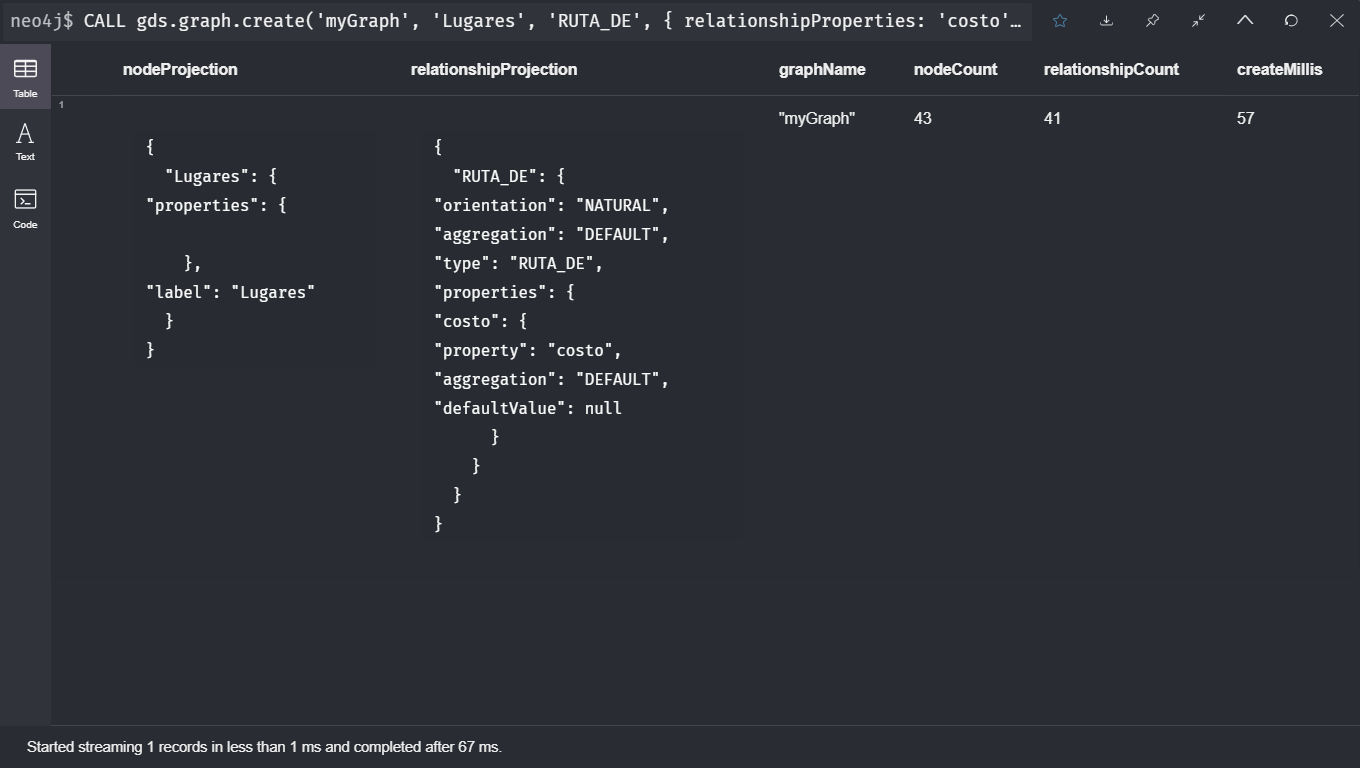
* Iglesia\_Central\_La\_Ascension\_del\_Señor
* Cerro\_Bombolí
* Parque\_Zaracay
* Jardín\_Botánico\_Padre\_Julio\_Marrero
* Parque\_Acuático\_el\_Pulpo\_en\_Santo\_Domingo\_D\_Disney
* Tinalandia\_Lodge
* San\_Jacinto\_del\_Búa
* Valle\_Hermoso
* Monumento\_Del\_Indio\_Colorado
* Redondel\_Sueño\_de\_Bolivar
* Hotel\_Zaracay
* Hostería\_Samawa
* Grand\_Hotel\_Santo\_Domingo
* Victoria\_Suites\_Hostal
* HOTEL\_GOLDEN\_VISTA
* Hosteria\_Kasadasa
* Grand\_Hotel\_Santander
* Hotel\_Puerta\_Del\_Sol
* Hotel\_Santander\_Don\_Garcia
* Hotel\_Toachi
* HOTEL\_KAMARO
* Hotel\_Del\_Pacifico
* Club\_del\_Campo\_Hotel\_Centro\_de\_Convenciones
* Juan\_Camarón\_Santo\_Domingo
* Casa\_Bambú\_Restaurante\_Bar
* Sabores\_Grill\_Latin\_Bistro
* Conchal\_Chabelita
* Santo\_Moro\_Grill
* Senior
* El\_Rincon\_del\_Che
* Señor\_Bolon\_Santo\_Domingo
* Manduca\_Wings\_Grill
* Alitas\_Del\_Cadillac\_SD
* RUBGY\_GRILL\_BURGUER\_SPORT
* Parrilladas\_Che\_Luis
* The\_Craft\_Cocina\_Bar
* Melkoke\_Restaurant
* La\_Cevicheria\_marisquerias\_y\_restaurantes\_en\_Santo\_Domingo
* Agachaditos\_Santo\_Domingo
* Restaurant\_D\_MARCO
* Grill\_Fest
* La\_Cocina\_De\_Consuelo\_Gourmet
* Chorigol\_Santo\_Domingo

Nodos en Neo4j.



* CALL gds.graph.create('myGraph', 'Lugares', 'RUTA\_DE', { relationshipProperties: 'costo' })

**ALGORITMO DE BUSQUEDA POR AMPLITUD**



MATCH (Iglesia\_Central\_La\_Ascension\_del\_Señor:Lugares{nombre:'Iglesia\_Central\_La\_Ascension\_del\_Señor'}), (Chorigol\_Santo\_Domingo:Lugares{nombre:'Chorigol\_Santo\_Domingo'})

WITH id(Iglesia\_Central\_La\_Ascension\_del\_Señor) AS startNode, [id(Chorigol\_Santo\_Domingo)] AS targetNodes

CALL gds.alpha.bfs.stream('myGraph', {startNode: startNode, targetNodes: targetNodes})

YIELD path

UNWIND [ n in nodes(path) | n.nombre ] AS tags

RETURN tags

**ALGORITMO DE BUSQUEDA POR PROFUNDIDAD**

MATCH (Iglesia\_Central\_La\_Ascension\_del\_Señor:Lugares{nombre:'Iglesia\_Central\_La\_Ascension\_del\_Señor'}), (Chorigol\_Santo\_Domingo:Lugares{nombre:'Chorigol\_Santo\_Domingo'})

WITH id(Iglesia\_Central\_La\_Ascension\_del\_Señor) AS startNode, [id(Chorigol\_Santo\_Domingo)] AS targetNodes

CALL gds.alpha.dfs.stream('myGraph', {startNode: startNode, targetNodes: targetNodes})

YIELD path

UNWIND [ n in nodes(path) | n.nombre ] AS tags

RETURN tags

**ALGORITMO DE BUSQUEDA A\***

MATCH (start:Lugares {nombre:

'Iglesia\_Central\_La\_Ascension\_del\_Señor'}), (end:Lugares {nombre: 'Chorigol\_Santo\_Domingo'})

CALL gds.alpha.shortestPath.astar.stream({

nodeProjection: {

Lugares: {

properties: ['longitud', 'latitud']

}

},

relationshipProjection: {

CONNECTION: {

type: 'RUTA\_DE',

orientation: 'UNDIRECTED',

properties: 'costo'

}

},

startNode: start,

endNode: end,

propertyKeyLat: 'latitud',

propertyKeyLon: 'longitud'

})

YIELD nodeId, cost

RETURN gds.util.asNode(nodeId).nombre AS lugares, cost