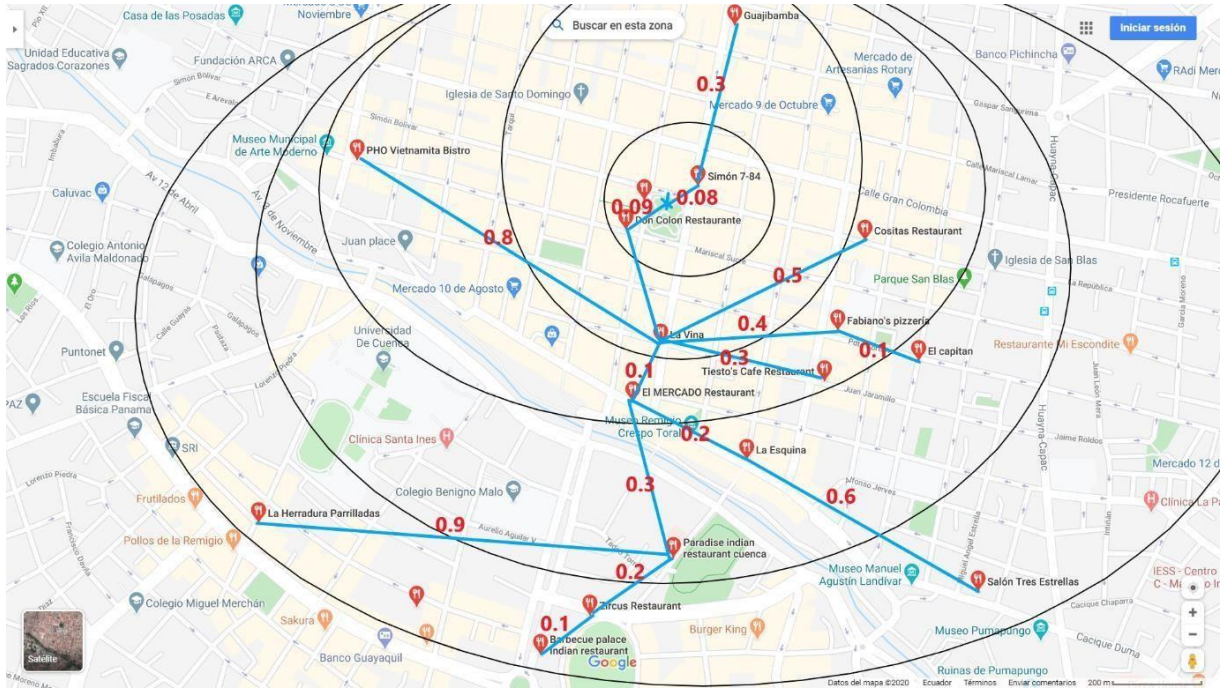


## Intel·ligència Artificial

### Bosqueta por ascenso de colina

Primero realiamo ls medicion en la herramienta de gogle mapa



**A:** Parque Central

**B:** Don Colon Restaurant

**C:** Simón 7-84

**D:** La Villa

**E:** Guajibamba

**F:** PHP Vietnamita Bistro

**G:** EL MERCADO Restaurant

**H:** Tiesto's Café Restaurant

**I:** Fabiano's Pizzeria

**J:** Cositas Restaurants

**K:** Paradise Indian Restaurant Cuenca

**L:** La Esquina

**M:** EL Capitan

**N:** La Herradura Parrilladas

**O:** Zircus Restaurant

**P:** Salon Las Estrellas

**Q:** Barbecue Palace Indian restaurant

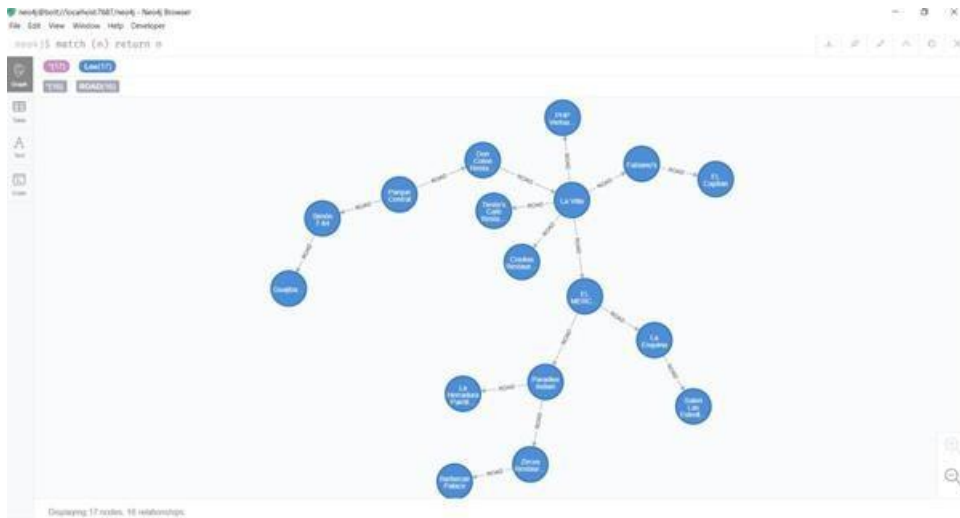
## NEO4J

```
CREATE (a:Loc {name: 'Parque Central'}),
      (b:Loc {name: 'Don Colon Restaurant'}),
      (c:Loc {name: 'Simón 7-84'}),
      (d:Loc {name: 'La Villa'}),
      (e:Loc {name: 'Guajibamba'}),
      (f:Loc {name: 'PHP Vietnamita Bistro'}),
      (g:Loc {name: 'EL MERCADO Restaurant'}),
      (h:Loc {name: 'Tiesto's Café Restaurant'}),
      (i:Loc {name: 'Fabiano's Pizzeria'}),
      (j:Loc {name: 'Cositas Restaurants'}),
      (k:Loc {name: 'Paradise Indian Restaurant Cuenca'}),
      (l:Loc {name: 'La Esquina'}),
      (m:Loc {name: 'EL Capitan'}),
      (n:Loc {name: 'La Herradura Parrilladas'}),
      (o:Loc {name: 'Zircus Restaurant'}),
      (p:Loc {name: 'Salon Las Estrellas'}),
      (q:Loc {name: 'Barbecue Palace Indian restaurant'}),
      (a)-[:ROAD {cost: 0.09}]->(b),
      (a)-[:ROAD {cost: 0.08}]->(c),
      (c)-[:ROAD {cost: 0.3}]->(e),
      (b)-[:ROAD {cost: 0.9}]->(d),
      (d)-[:ROAD {cost: 0.8}]->(f),
      (d)-[:ROAD {cost: 0.1}]->(g),
      (d)-[:ROAD {cost: 0.3}]->(h),
      (d)-[:ROAD {cost: 0.4}]->(i),      (d)-
      [:ROAD {cost: 0.5}]->(j),
      (g)-[:ROAD {cost: 0.3}]->(k),
      (g)-[:ROAD {cost: 0.2}]->(l),
```

```

(i)-[:ROAD {cost: 0.1}]->(m),
(k)-[:ROAD {cost: 0.9}]->(n),
(k)-[:ROAD {cost: 0.2}]->(o),
(l)-[:ROAD {cost: 0.6}]->(p),
(o)-[:ROAD {cost: 0.1}]->(q);

```



```

MATCH (start:Loc {name: 'Parque Central'}), (end:Loc {name: 'Barbecue Palace Indian restaurant'})
CALL gds.alpha.shortestPath.stream({ nodeQuery:'MATCH(n:Loc) RETURN id(n) AS id',
  relationshipQuery:'MATCH(n:Loc)-[r:ROAD]->(m:Loc) RETURN id(n) AS source, id(m) AS target,
    r.cost AS weight', startNode: start, relationshipWeightProperty: 'weight', endNode: end
})
YIELD nodeId, cost
RETURN gds.util.asNode(nodeId).name AS name, cost

```

name	cost
"Parque Central"	0.0
"Don Colon Restaurant"	0.08
"La Vitor"	0.98
"EL MERCADO Restaurant"	1.08
"Paradise Indian Restaurant Cuenca"	1.3800000000000001
"Zirius Restaurant"	1.58
"Barbecue Palace Indian restaurant"	1.8800000000000002

Started streaming 7 records after 1 ms and completed after 38 ms

nodeCount	totalCost
7	1.8800000000000002