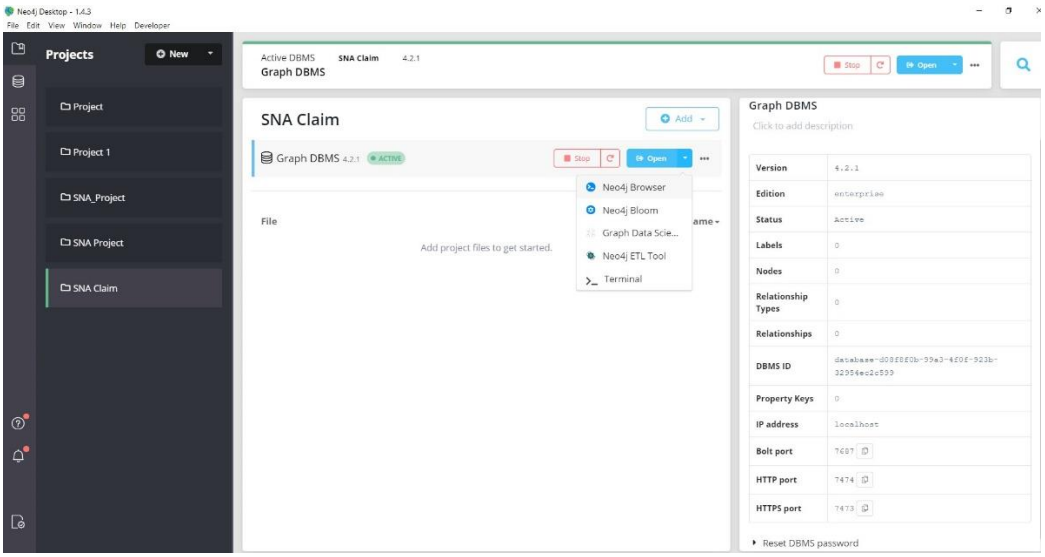
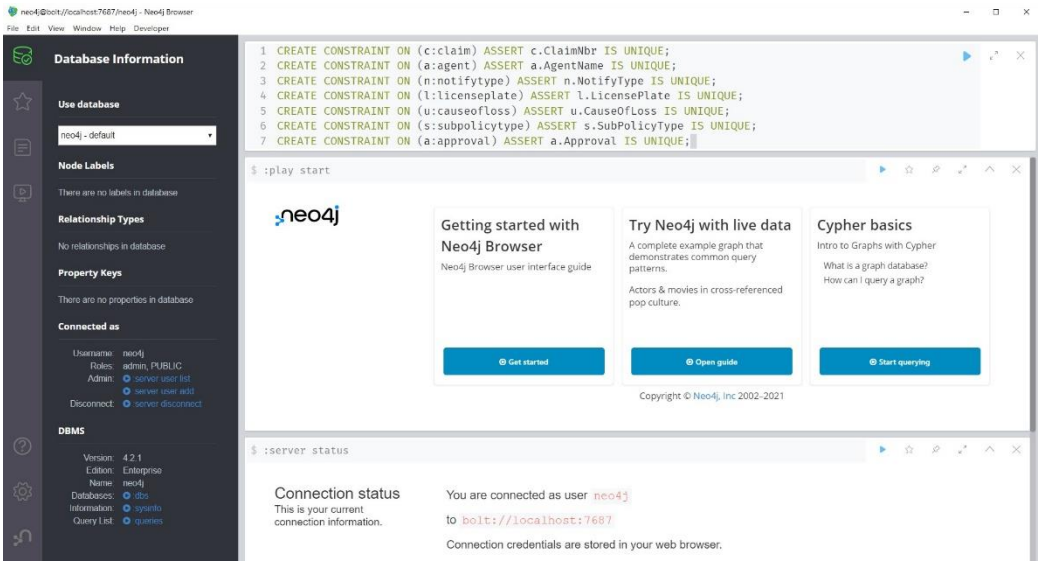
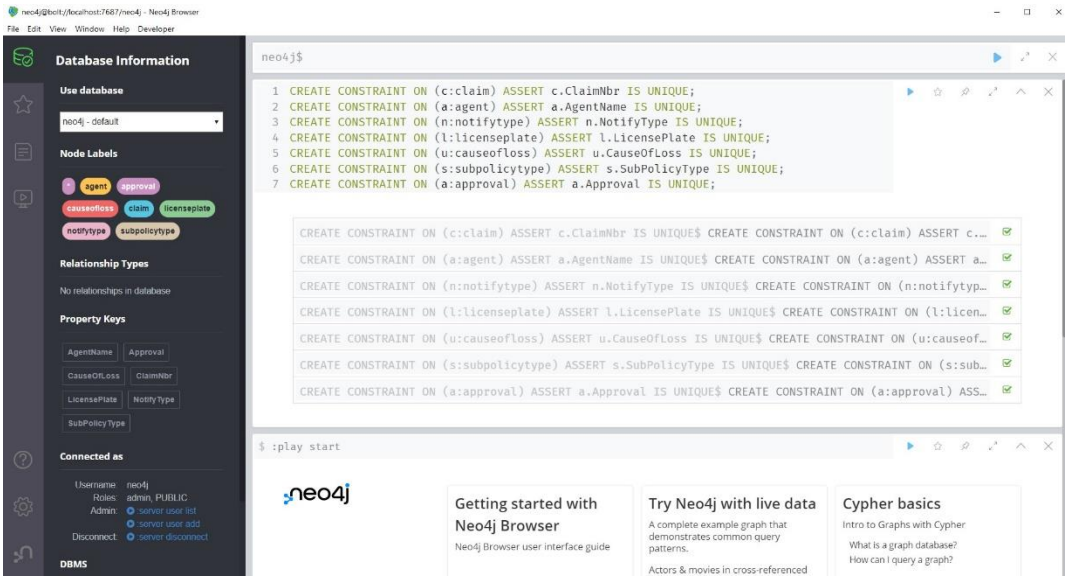
Load Dataset into local DBMS

- Use Cypher Query Language
- Use Neo4j Browser

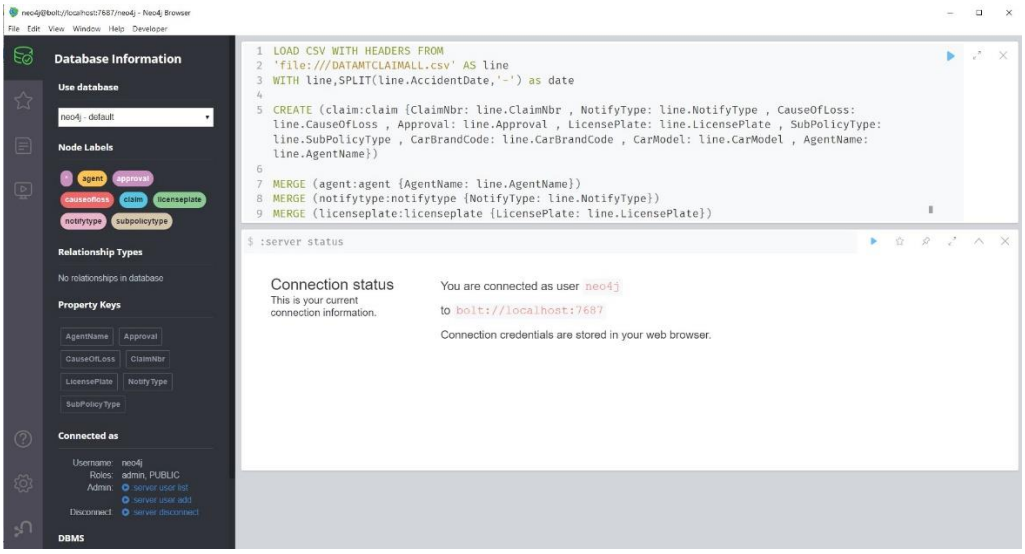


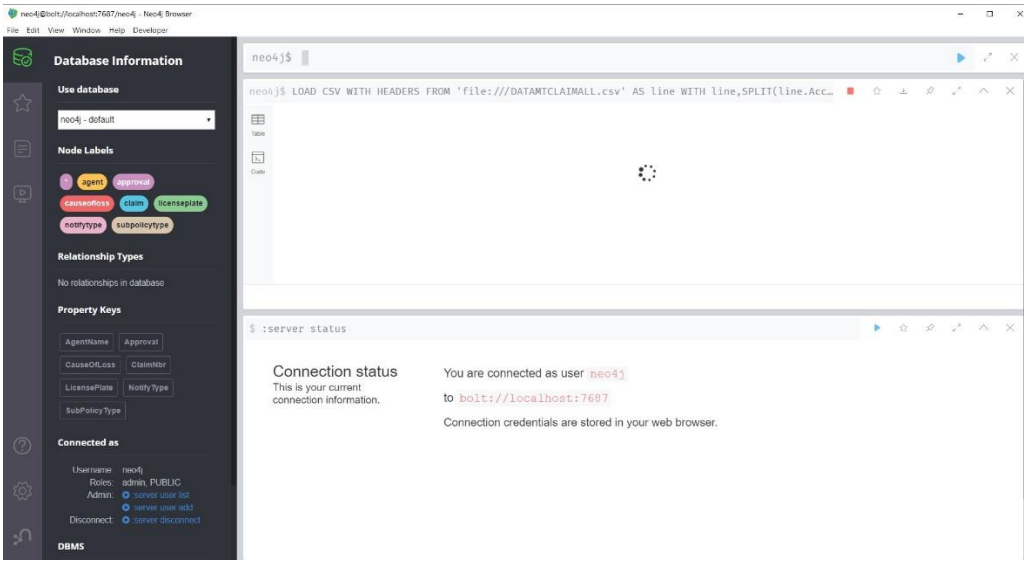
- Load Data Claim to local DBMS
  - Create Constraint of claim data

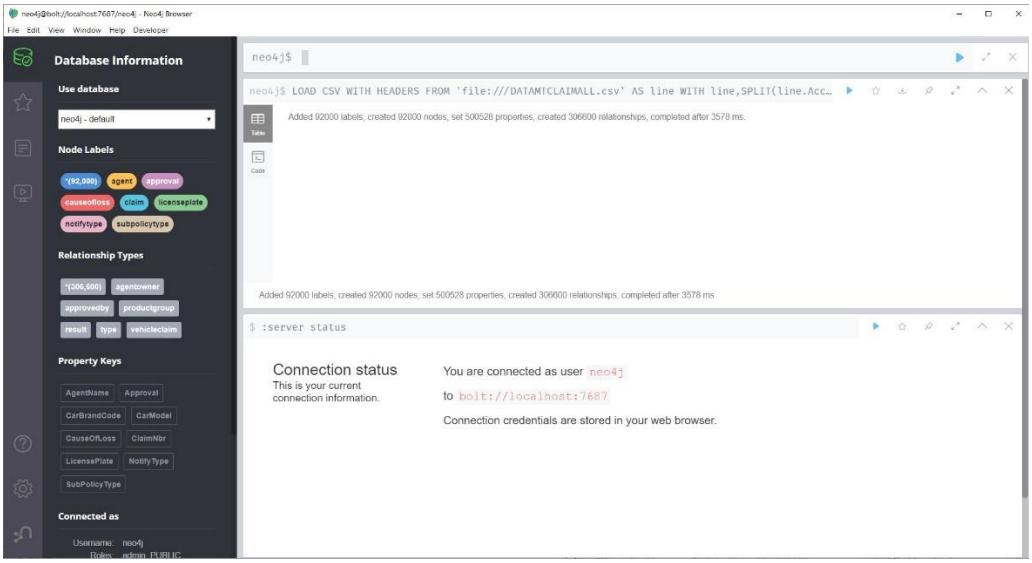




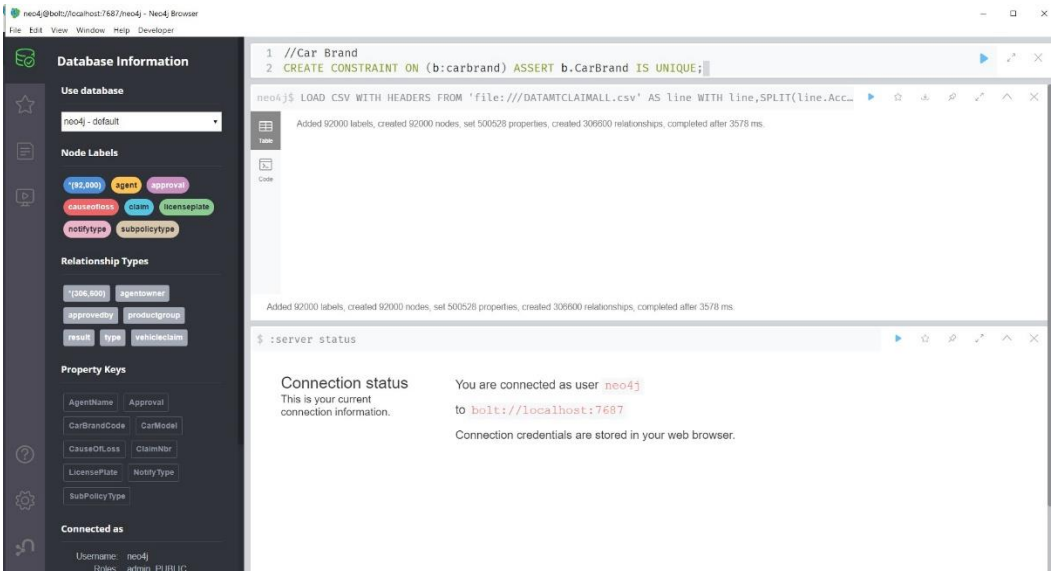
- Load Data and create property, label
- Create Relationship

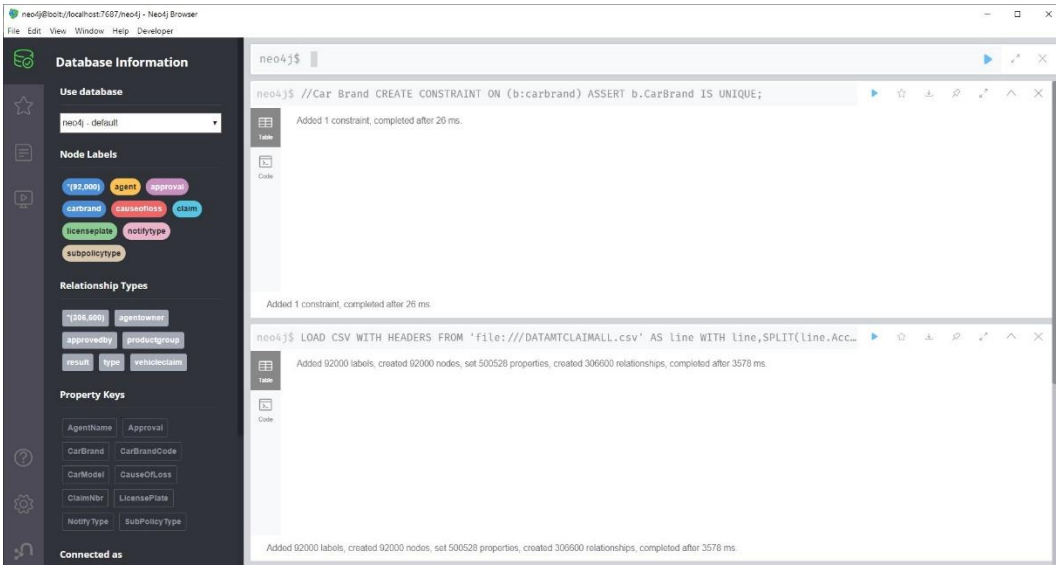




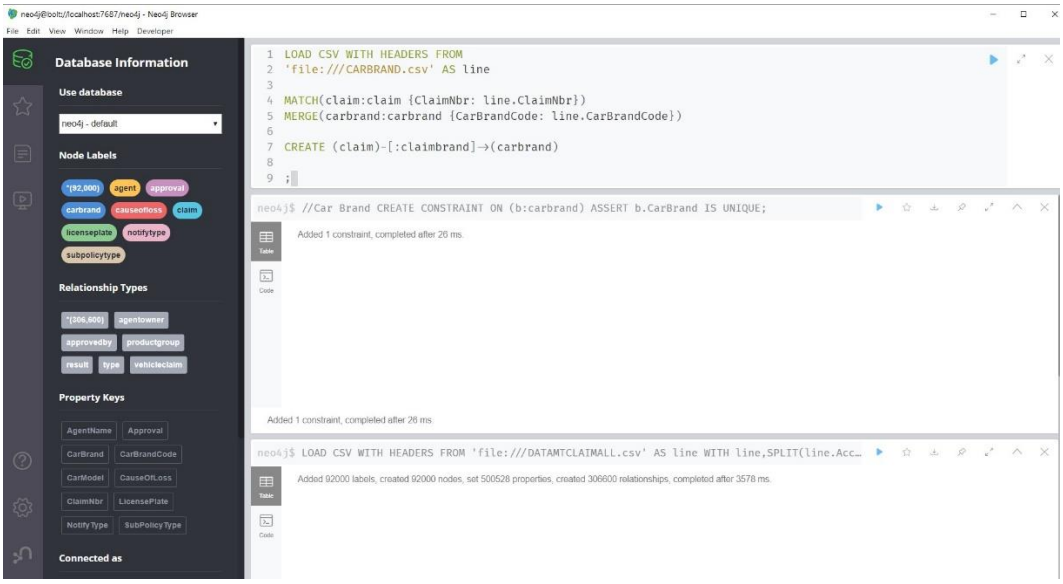


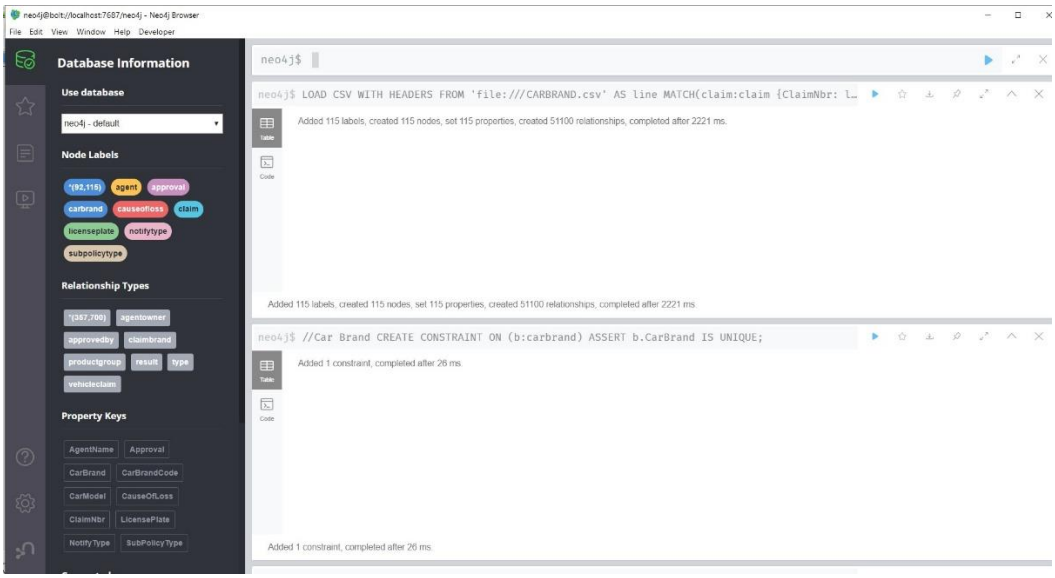
- Load Data Car Brand to local DBMS
  - Create Constraint of car brand



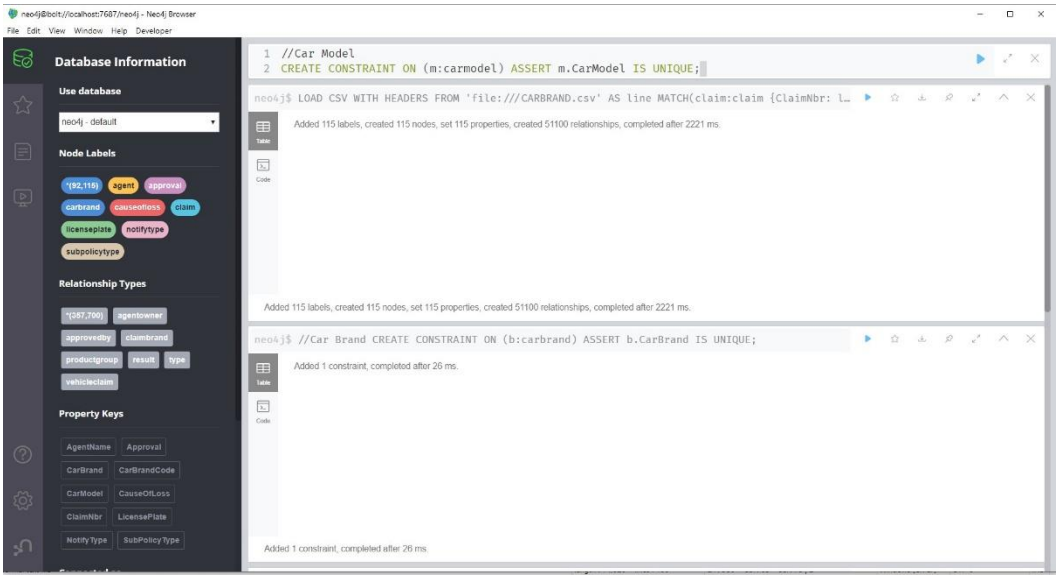


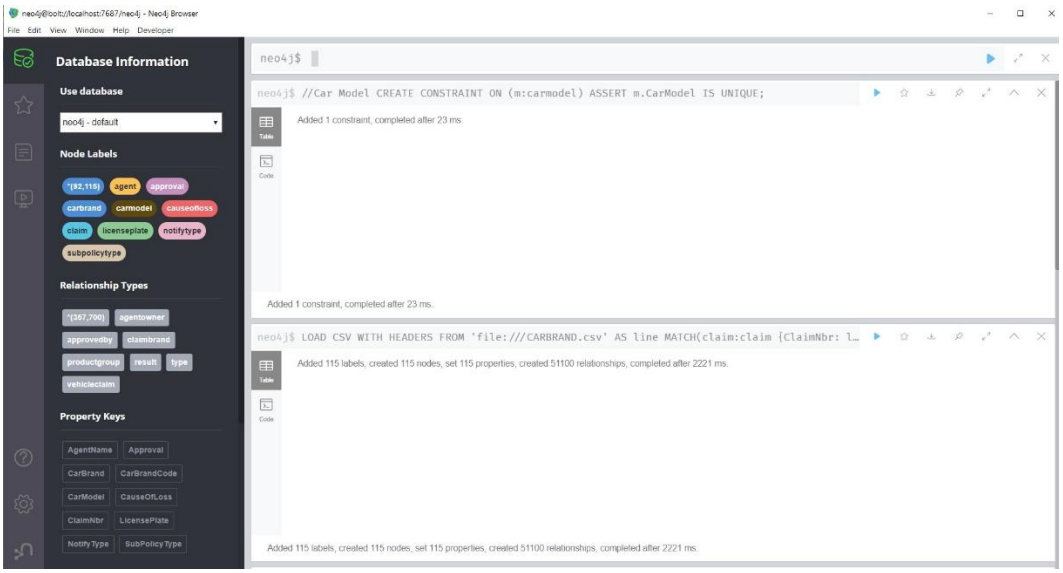
- Load Data and create property, label
- Create Relationship



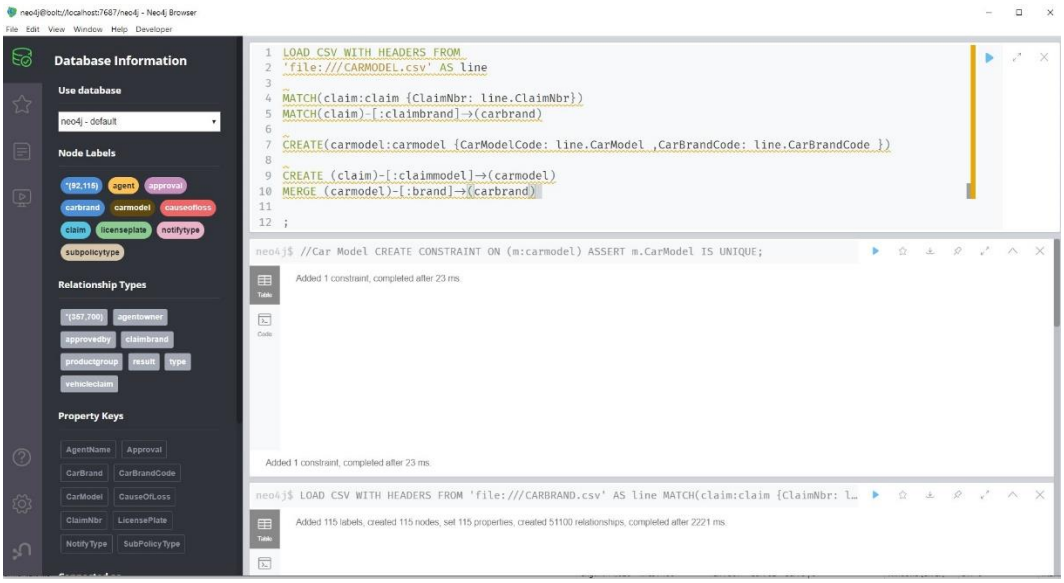


- Load Data Car Model to local DBMS
  - Create Constraint of car model





- Load Data and create property, label
- Create Relationship


neo4j@bolt://localhost:7687/neo4j - Neo4j Browser
File Edit View Window Help Developer
Database Information
Use database
neo4j - default
Node Labels
*(92,116)
agent
approval
carbrand
carmodel
causeofloss
claim
licenseplate
notifytype
subpolicytype
Relationship Types
*(357,700)
agentowner
approvedby
claimbrand
productgroup
result
type
vehicleclaim
Property Keys
AgentName
Approval
CarBrand
CarBrandCode
CarModel
CauseOfLoss
ClaimNbr
LicensePlate
Notify Type
SubPolicy Type
1 LOAD CSV WITH HEADERS FROM
2 'file:///CARMODEL.csv' AS line
3
4 MATCH(claim:claim {ClaimNbr: line.ClaimNbr})
5 MATCH(claim)-[:claimbrand]→(carbrand)
6
7 CREATE(carmodel:carmodel {CarModelCode: line.CarModel ,CarBrandCode: line.CarBrandCode })
8
9 CREATE (claim)-[:claimmodel]→(carmodel)
10 MERGE (carmodel)-[:brand]→(carbrand)
11
12 ;
neo4j$ //Car Model CREATE CONSTRAINT ON (m:carmodel) ASSERT m.CarModel IS UNIQUE;
Added 1 constraint, completed after 23 ms.
Table
Code
Added 1 constraint, completed after 23 ms.
neo4j$ LOAD CSV WITH HEADERS FROM 'file:///CARBRAND.csv' AS line MATCH(claim:claim {ClaimNbr: l…
Added 115 labels, created 115 nodes, set 115 properties, created 51100 relationships, completed after 2221 ms.
Table