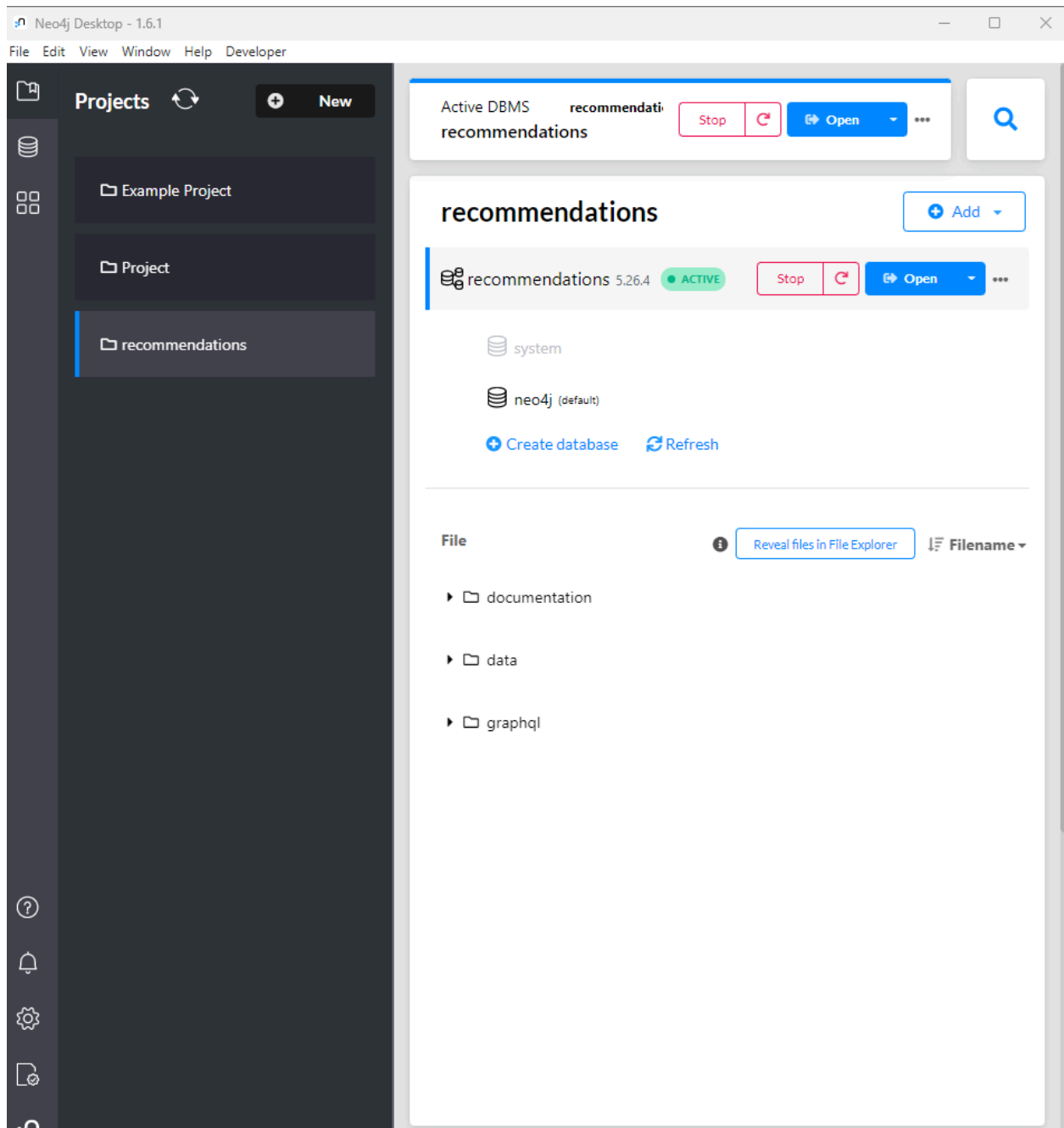
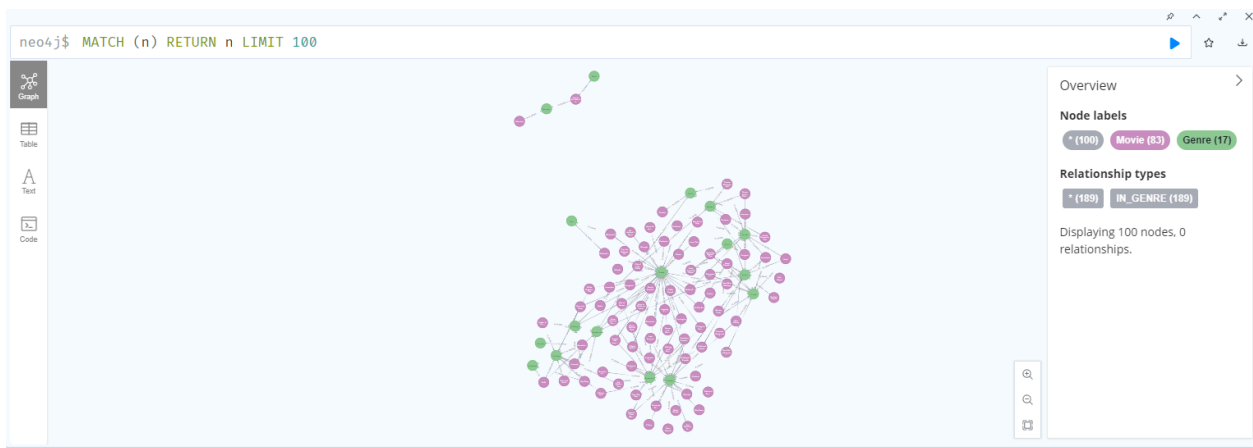
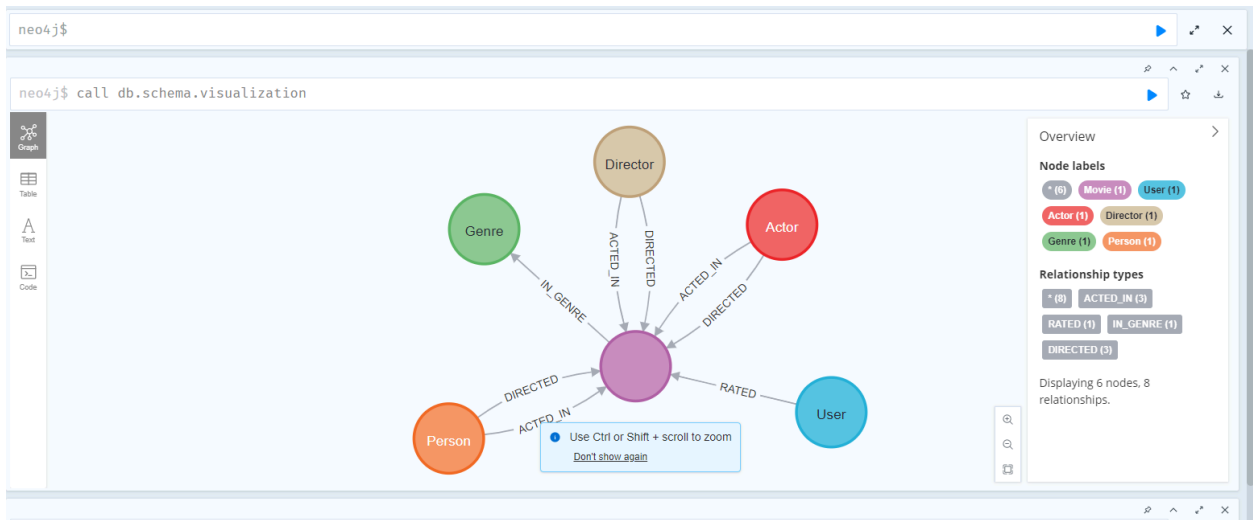


MANYA VAID (1BM22CS150)
Neo4j





neo4j\$:use neo4j

Use database

You have updated what database to use in the Neo4j dbms.

Queries from this point and forward are using the database **neo4j** as the target.

Use the `:dbs` to list all available databases.



Graph



Table



Text



Code



Use Ctrl or Shift + scroll to zoom
[Don't show again](#)



Graph



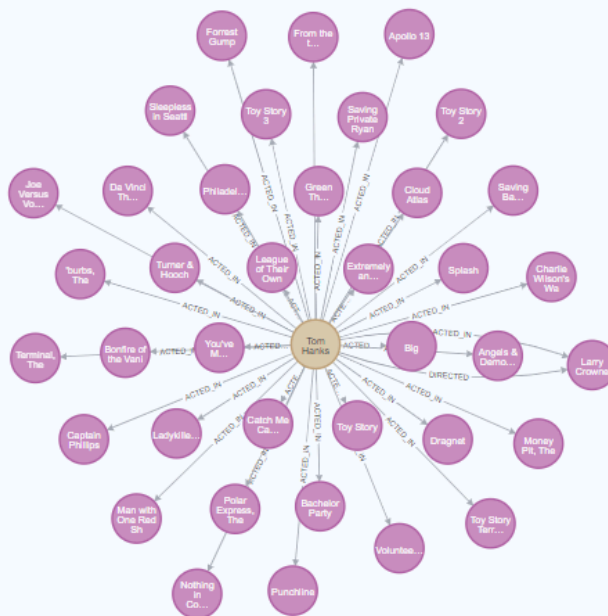
Table



Text



Code



```
1 MATCH (tom:Person {name: 'Tom Hanks'})-[:ACTED_IN]→(movie1:Movie)
   ←[:ACTED_IN]-(coActor:Person)-[:ACTED_IN]→(movie2:Movie)←
   [:ACTED_IN]-(coCoActor:Person)
2 WHERE tom < coCoActor
3 AND NOT (tom)-[:ACTED_IN]→(:Movie)←[:ACTED_IN]-(coCoActor)
4 RETURN coCoActor.name
```

Table

Text

Code

coCoActor.name

1	"Ed Harris"
2	"Olivia Burnette"
3	"Alexandra Kyle"
4	"Beth Behrs"
5	"Wendi McLendon-Covey"
6	"Max Greenfield"
7	

Started streaming 3230 records after 19 ms and completed after 595 ms, displaying first 1000 rows.

```

1 MATCH (tom:Person {name: 'Tom Hanks'})-[:ACTED_IN]→(movie1:Movie)
  ←[:ACTED_IN]-(coActor:Person)-[:ACTED_IN]→(movie2:Movie)←
  [:ACTED_IN]-(coCoActor:Person)
2 WHERE tom <> coCoActor
3 AND NOT (tom)-[:ACTED_IN]→(:Movie)←[:ACTED_IN]-(coCoActor)
4 RETURN coCoActor.name, count(coCoActor) as frequency
5 ORDER BY frequency DESC
6 LIMIT 5

```

	coCoActor.name	frequency
1	"John Cusack"	15
2	"Dennis Quaid"	14
3	"Steve Martin"	13
4	"Robert De Niro"	13
5	"Paul Newman"	12

Started streaming 5 records after 19 ms and completed after 271 ms.

```

1 MATCH (tom:Person {name: 'Tom Hanks'})-[:ACTED_IN]→(:Movie)←
  [:ACTED_IN]-(coActor:Person)
2 RETURN coActor.name

```

	coActor.name
1	"Sally Field"
2	"Mark Rydell"
3	"John Goodman"
4	"Martin Sheen"
5	"Leonardo DiCaprio"
6	"Christopher Walken"
7	

Started streaming 114 records after 1 ms and completed after 2 ms.

```

1 MATCH (tom:Person {name: 'Tom Hanks'})-[:ACTED_IN]-(movie1:Movie)
  <-[:ACTED_IN]-(coActor:Person)-[:ACTED_IN]-(movie2:Movie)<-
    [:ACTED_IN]-(cruise:Person {name: 'Tom Cruise'})
2 WHERE NOT (tom)-[:ACTED_IN]-(movie1)<-[:ACTED_IN]-(cruise)
3 RETURN tom, movie1, coActor, movie2, cruise

```

Graph

Table

Text

Code

