

ORACLE®

Certified Professional



Oracle Certified
Professional Java
Programmer

Microsoft Certified
Professional



Computer
SCIENCE

Not Only
NoSQL
Relational

Graph Database



neo4j

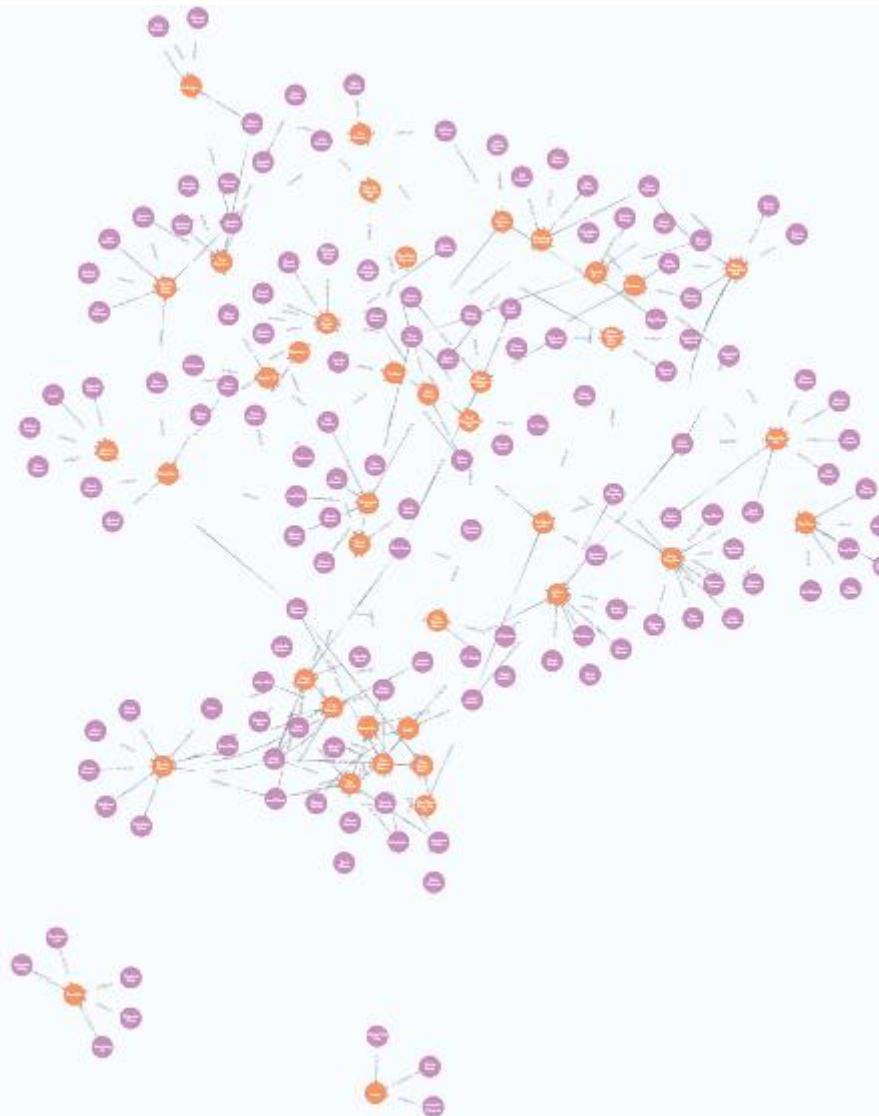
Dr. SOHAIL IMRAN



Queries

match

MATCH (n) RETURN n;



Overview

Node labels

* (179)

Movie (40)

Person (139)

Relationship types

* (258)

ACTED_IN (180)

DIRECTED (44)

PRODUCED (14)

WROTE (9)

FOLLOWS (3)

REVIEWED (8)

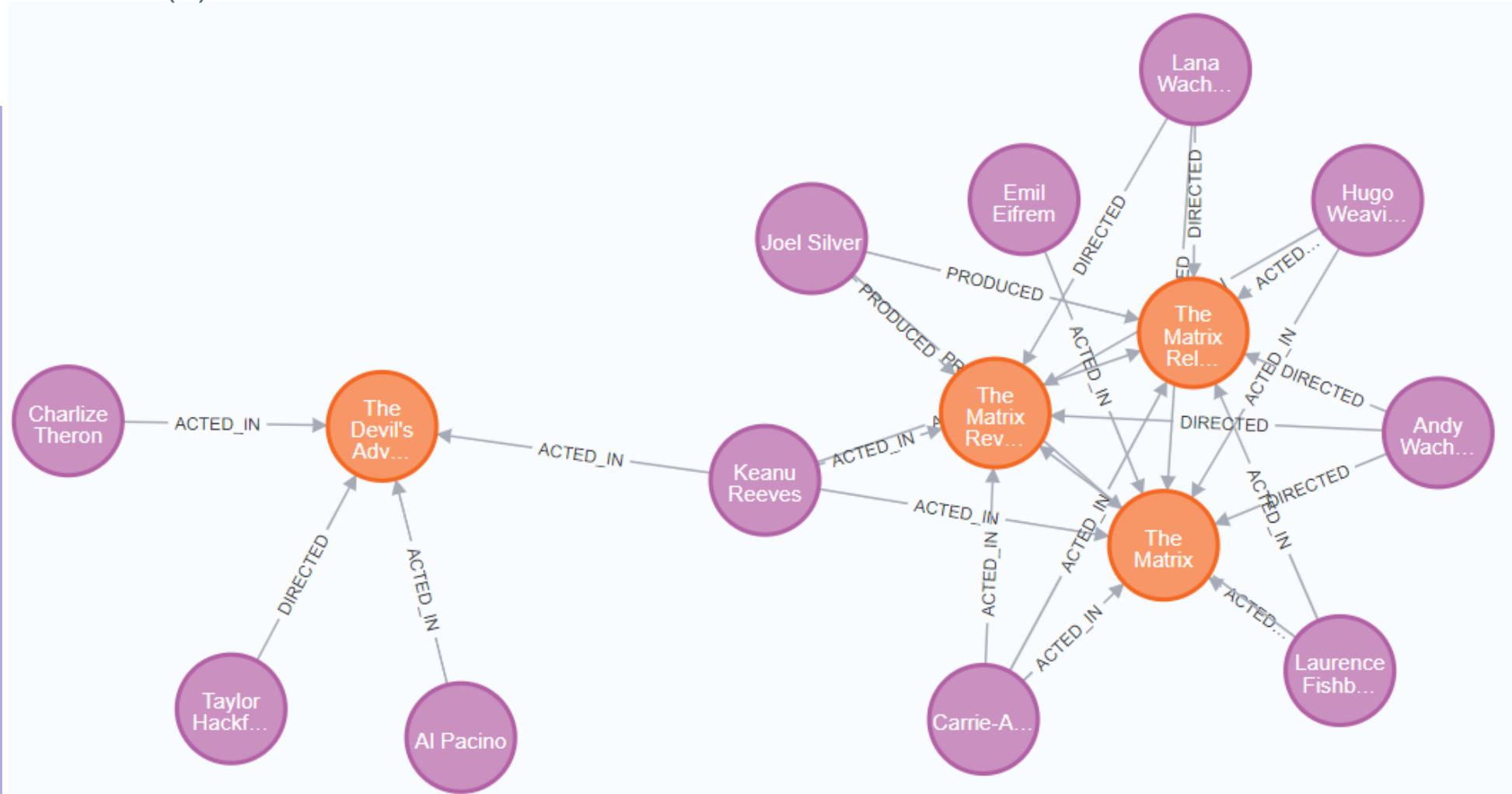
Displaying 179 nodes, 0 relationships.



limit



MATCH (n) RETURN n LIMIT 15



node label



neo4j@bolt://localhost:7687/neo4j - Neo4j Browser

File Edit View Window Help Developer

```
neo4j$ MATCH (n:) RETURN n LIMIT 15
  :Movie
  :Person
```

Graph

Table

A Text

Code

```
n
(:Person {born: 1964, name: "Keanu Reeves"})
(:Person {born: 1967, name: "Carrie-Anne Moss"})
(:Person {born: 1961, name: "Laurence Fishburne"})
(:Person {born: 1960, name: "Hugo Weaving"})
(:Person {born: 1967, name: "Andy Wachowski"})
```

MATCH (n:Person) RETURN n LIMIT 5;



NoSQL

property, condition



```
MATCH (n:Person) RETURN n.name LIMIT 5;
```

```
$ MATCH (n:Person) RETURN n.LIMIT 5;
  ↗ born
  ↗ name
  ↗ rating
  ↗ released
  ↗ roles
  ↗ summary
  ↗ tagline
  ↗ title
```

Table
n.name
"Keanu Reeves"
"Carrie-Anne Moss"
"Laurence Fishburne"
"Hugo Weaving"
"Andy Wachowski"

```
MATCH (n:Person {name: "Tom Hanks"}) RETURN n;
```

