



Not
Only
NoSQL
Relational

Graph Database



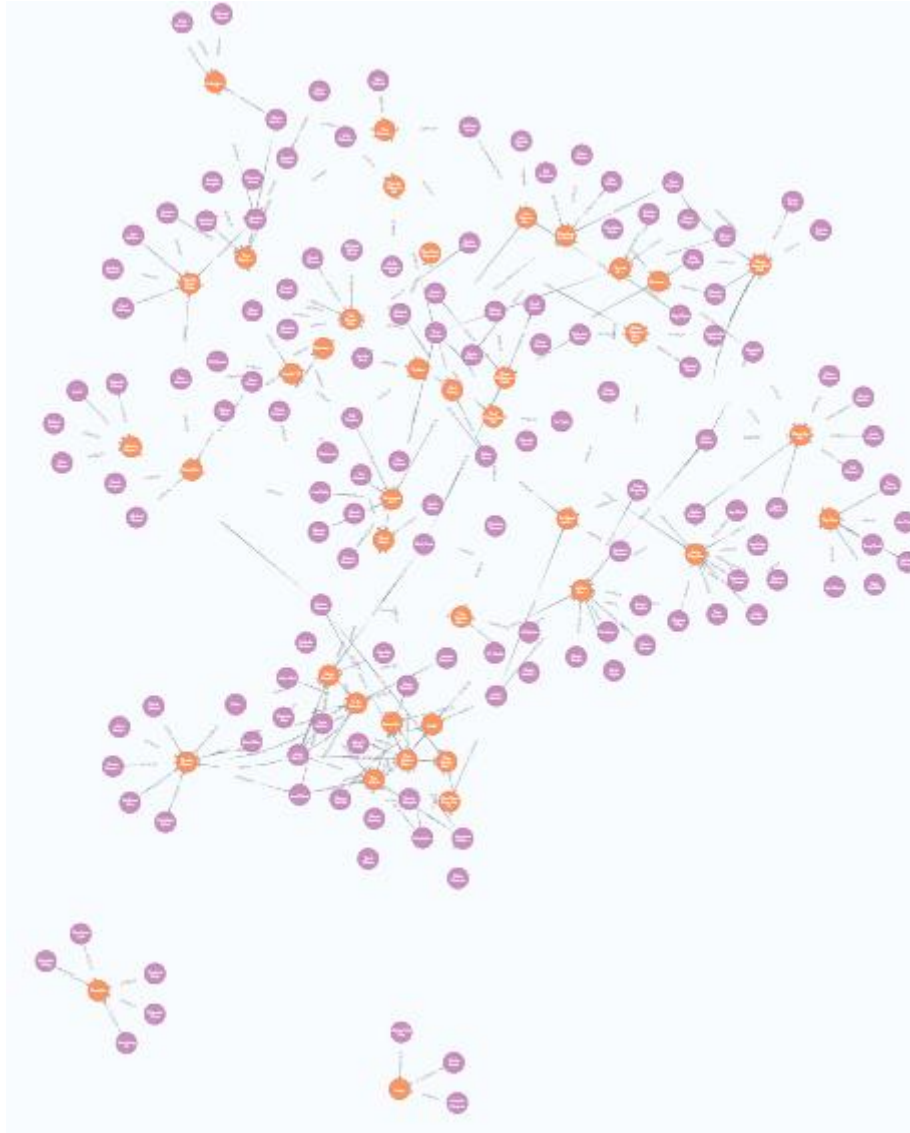
Dr. SOHAIL IMRAN

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)

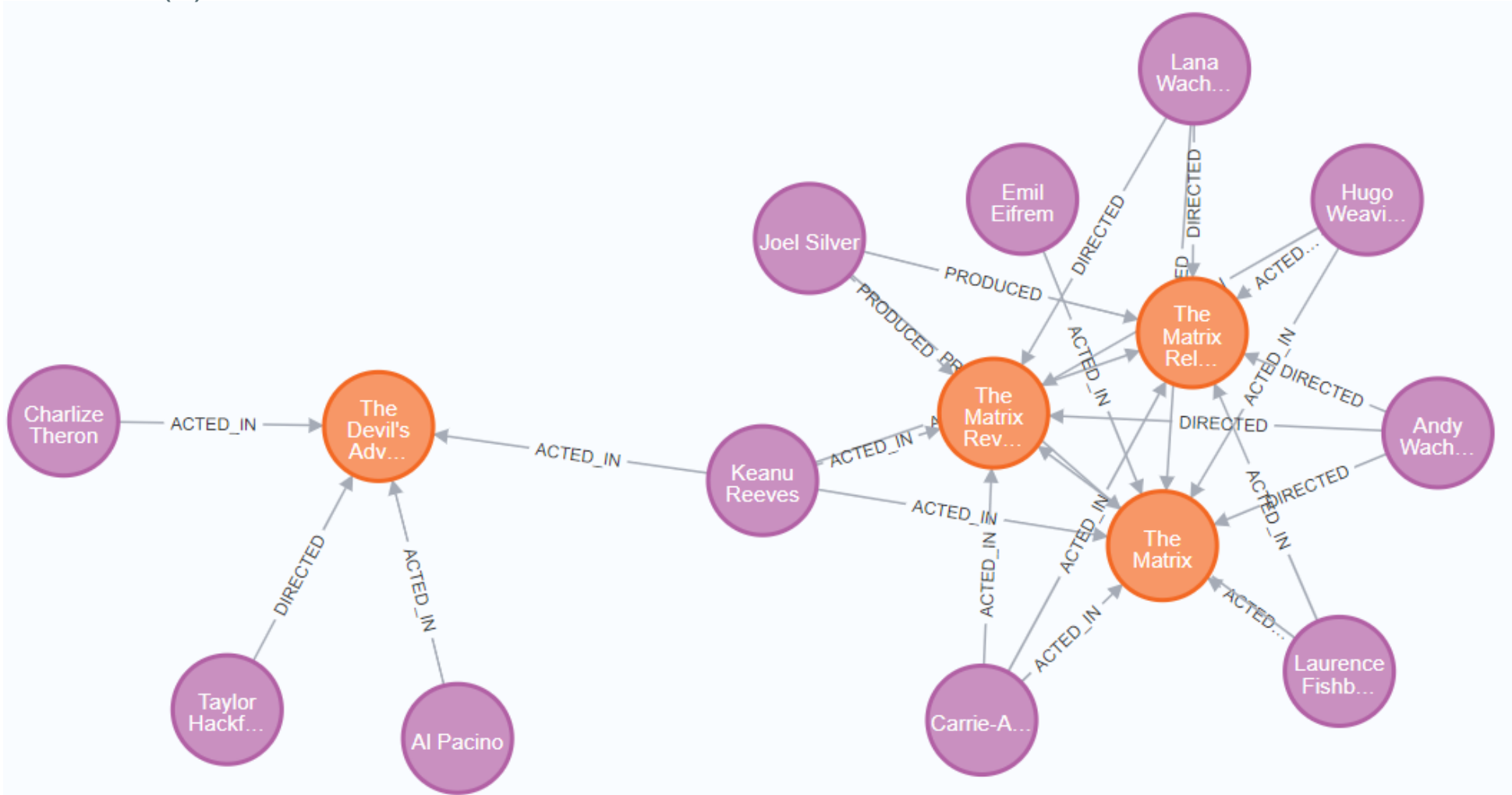
Displaying 179 nodes, 0 relationships.



NoSQL

neo4j

MATCH (n) RETURN n LIMIT 15



NoSQL

neo4j

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	n
Table	(:Person {born: 1964,name: "Keanu Reeves"})
Text	(:Person {born: 1967,name: "Carrie-Anne Moss"})
Code	(: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

neo4j

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



Text



Code

n.name

"Keanu Reeves"

"Carrie-Anne Moss"

"Laurence Fishburne"

"Hugo Weaving"

"Andy Wachowski"

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

Tom
Hanks



NoSQL

neo4j