

Movie

Movies Project Tutorial

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Great Job!

Now you know the basics of writing cypher query. You are on your way to becoming a graphista! Congratulations.

Feel free to play around with the data by writing more cypher queries. If you want to learn more about cypher, you can use one of the below resources -

1. Sign up for a forever-free, fully managed cloud database-as-a-service to continue your graph learning journey or build your first application.

```
neo4j$ MATCH (m:Movie {title: 'Cloud Atlas'})←...
```

	p.name
1	"Tom Tykwer"
2	"Lana Wachowski"
3	"Lilly Wachowski"

Started streaming 3 records after 5 ms and completed after 14 ms.

```
neo4j$ MATCH (tom:Person {name: "Tom Hanks"})-[...
```

	p.name
1	"Ed Harris"

Stack_Overflow

```
neo4j$ :play https://guides.neo4j.com/sandbox/stackoverflow/index.html
```

Further Reading

- Import from StackOverflow API
- Exploring StackOverflow data with Michael Hunger – Twitch stream
- Import 10M Stack Overflow Questions into Neo4j in Just 3 Minutes

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Twitch

a) You can try to perform the shared audience analysis on streamers who play other game

```
neo4j$ MATCH (s:Stream)-[:PLAYS]→(g:Game) WHERE g.name in ["Just Chatting"] SET s: JustChatting
```

Added 868 labels, completed after 8 ms.

b) You can also test out other centrality or community detection algorithms

```
neo4j$ CALL gds.louvain.stream('Just Chatting', {nodeLabels:['Stream']}) YIELD nodeId, com...
```

	communityId	communitySize
5	357	70
6	2069	62
7	195	55
8	1206	53
9	618	41
10	2010	39

Started streaming 10 records after 3 ms and completed after 3243 ms.

c) see how their score compares to PageRank

```
neo4j$ CALL gds.pageRank.stream('Just Chatting') YIELD nodeId, score WITH nodeId, score OR...
```

	user	score
1	"yassuo"	27115.19300072141
2	"trainwreckstv"	23731.962030380815
3	"riotgames"	16071.769903521483
4	"loltyler1"	12968.519773729055
5	"xqcow"	12166.968110837783
6	"enardo"	8897.815030948641