

CYPHER QUERIES

- To learn about Neo4j Graph Databases, we completed the Neo4j Graph Database course. Some of the queries which were useful and through which we will be executing our project are:

- `CREATE (:Movie {title: 'Forrest Gump'})`
- `MATCH (m:Movie)`
`WHERE m.title = 'Forrest Gump'`
`RETURN m`

The first query creates a Movie node with title = 'Forrest Gump' and the second query displays the node created with the title = 'Forrest Gump'.

- `MATCH (m:Movie)`
`WHERE m.title = 'Forrest Gump'`
`SET m:OlderMovie,`
`m.released = 1994,`
`m.tagline = "Life is like a box of chocolates...you never know what you're gonna get.",`
`m.lengthInMinutes = 142`

This query sets various properties for the movie titled 'Forrest Gump'

- `MATCH (p:Person)-[rel]-(m:Movie)`
`WHERE m.title = 'Forrest Gump'`
`RETURN p, rel, m`

This query returns the relation and the person and movies associated with the relationship for the movie 'Forrest Gump'.

- For our project, we have imported the datasets as csv file into the Neo4j Graph Database Desktop platform.
 - `LOAD CSV WITH HEADERS`
`FROM 'file:///movie_dataset.csv AS MovMend`
`RETURN MovMend`

- In the final submission, we will use the above queries to create nodes and to further integrate the Neo4j platform with python.