

---

## Queries Documentation

1. Query which returns the most influential persons by followers number:

Possible query parameter (limit number): 100

```
@Query("MATCH (uTop:User)-[:FOLLOWS]-(uf:User) RETURN uTop,  
count(uf) ORDER BY count(uf) DESC LIMIT {n};")
```

2. Query which returns top twitter users with general interests:

Possible query parameter (limit number): 50

```
@Query("MATCH (user:User)-[r:INTERESTED_IN]->(t:Topic) RETURN user,  
count(t) ORDER BY count(t) DESC LIMIT {n};")
```

3. Query which returns top twitter users with specific (the lowest number of) interests:

Possible query parameter (limit number): 25

```
@Query("MATCH (user:User)-[r:INTERESTED_IN]->(t:Topic) RETURN user,  
count(t) ORDER BY count(t) ASC LIMIT {n};")
```

4. Query which returns top twitter users with broad potential interest:

Possible query parameter (limit number): 10

```
@Query("MATCH (u)-[:FOLLOWS]->()-[:INTERESTED_IN]->(topic) RETURN u,  
count(topic) ORDER BY count(topic) DESC LIMIT {n};")
```

5. Query which returns followers number of specific twitter user (filtered with screenname):

Possible query parameter (screenname): justinbieber

```
@Query("MATCH (u1:User)-[m:FOLLOWS]->(u2:User) WHERE  
u2.screenname={screenname} RETURN COUNT(u1);")
```

6. Query which returns topics number, that is specific user (filtered by screenname)

potentially interested in, determined by the interests of its followers:

Possible query parameter (screenname): narcoticrauhl

```
@Query("MATCH (u:User)-[:FOLLOWS]->()-[:INTERESTED_IN]->(topic) WHERE  
u.screenname={screenname} RETURN COUNT(topic);")
```