# SOCIAL NETWORK HZ

**IA SCHOOL**
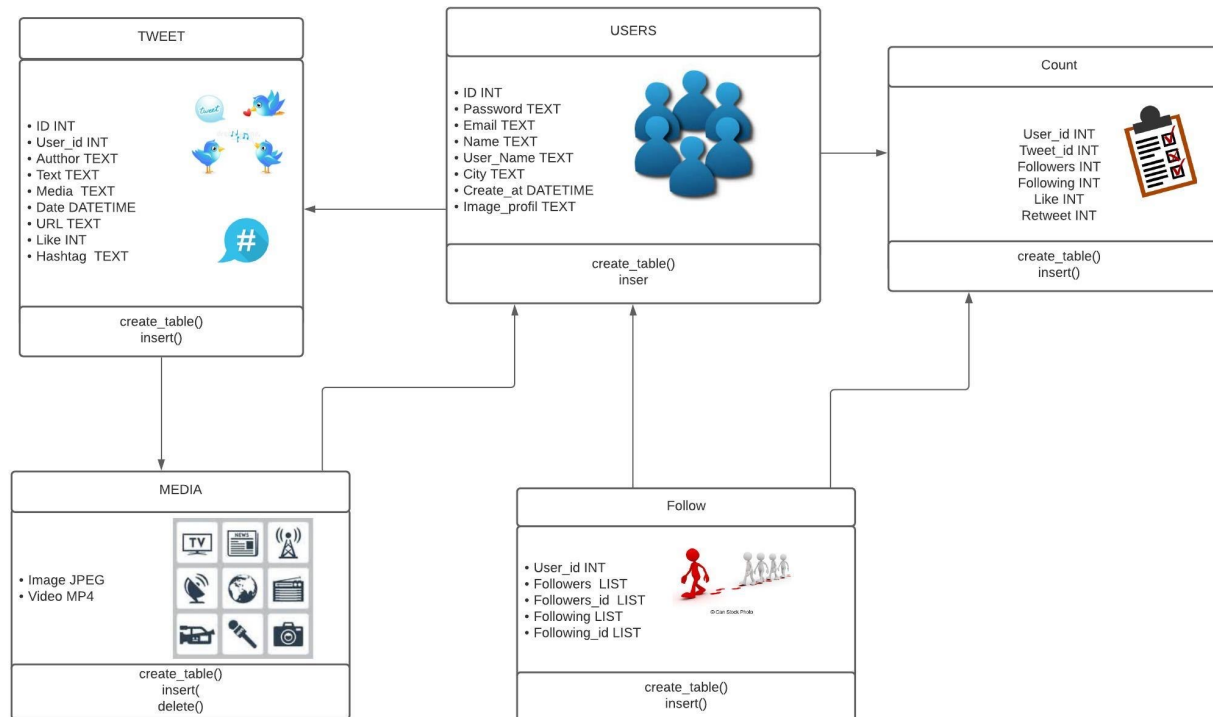L'ÉCOLE DE L'INTELLIGENCE ARTIFICIELLE

Hicham OUSSENI & Zakaria JELTI
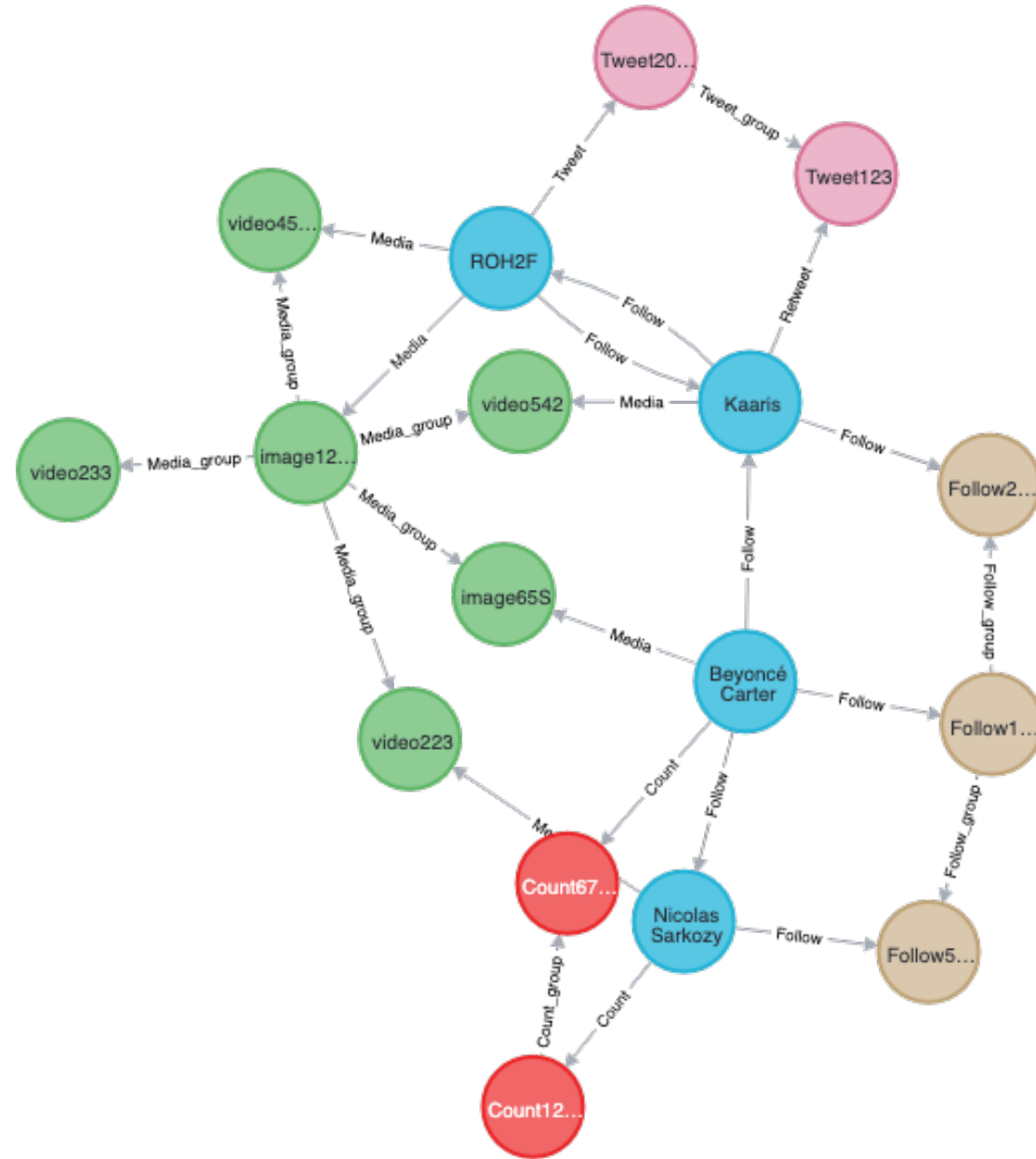
Avril 2021

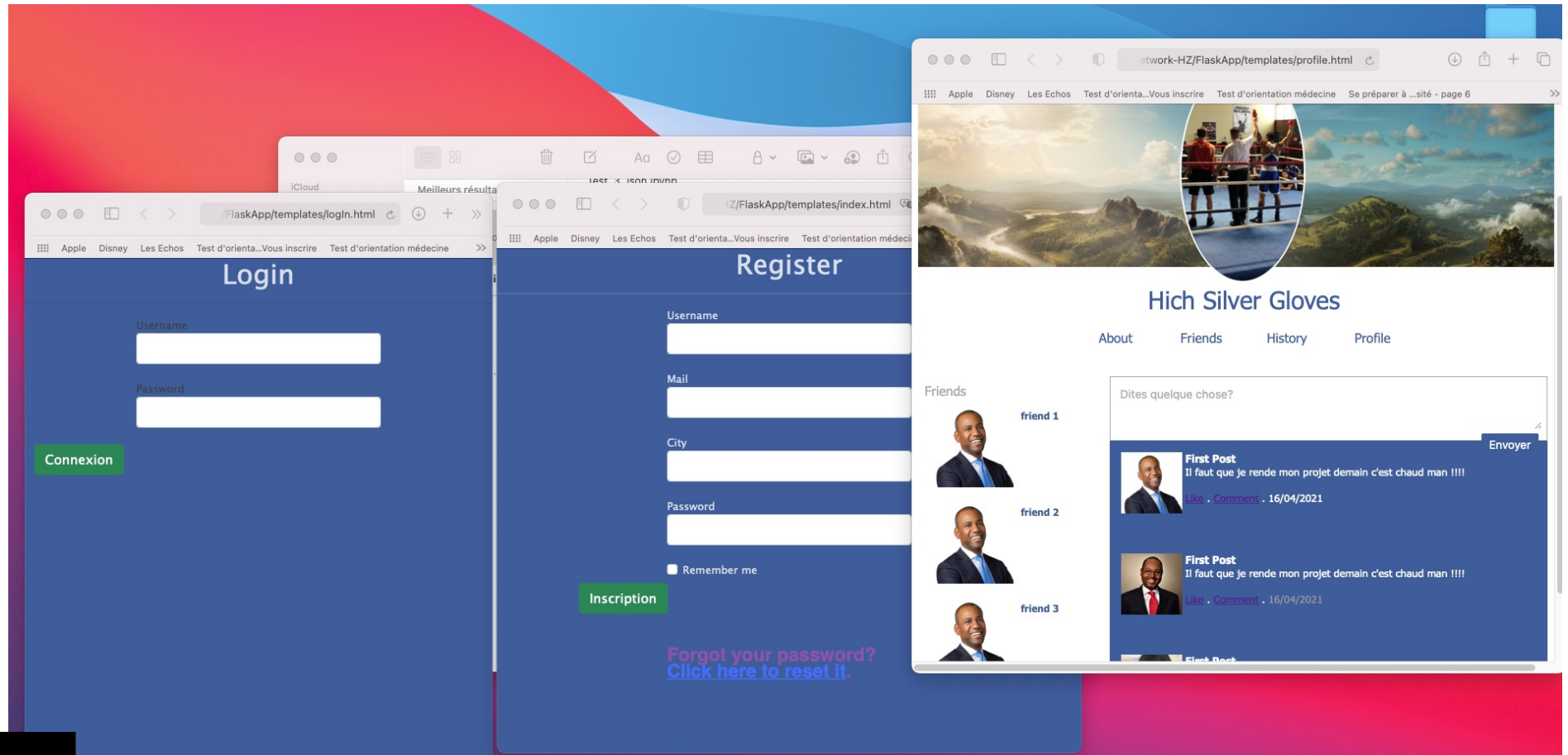# MONGO DB

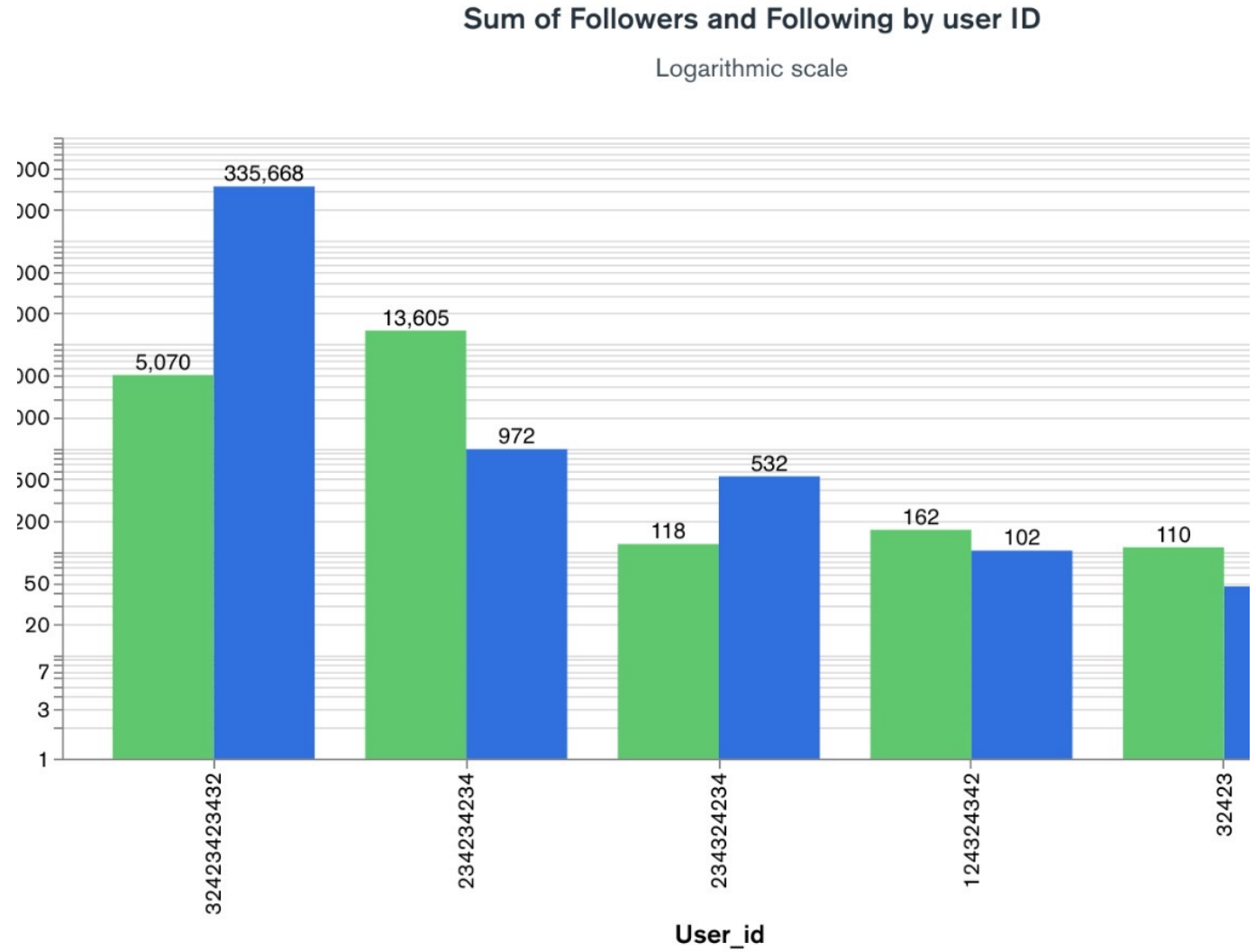## Social Network HZ : TWITTER

# NEO4J

Social Network HZ : TWITTER

→ Create Nodes (Users, Media, Tweet, Follow, Count)

→ Create Relationships
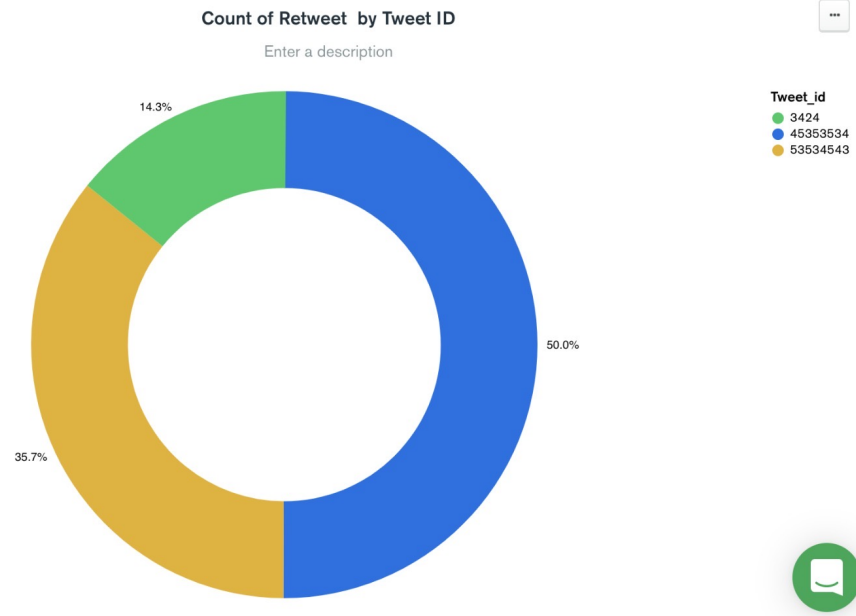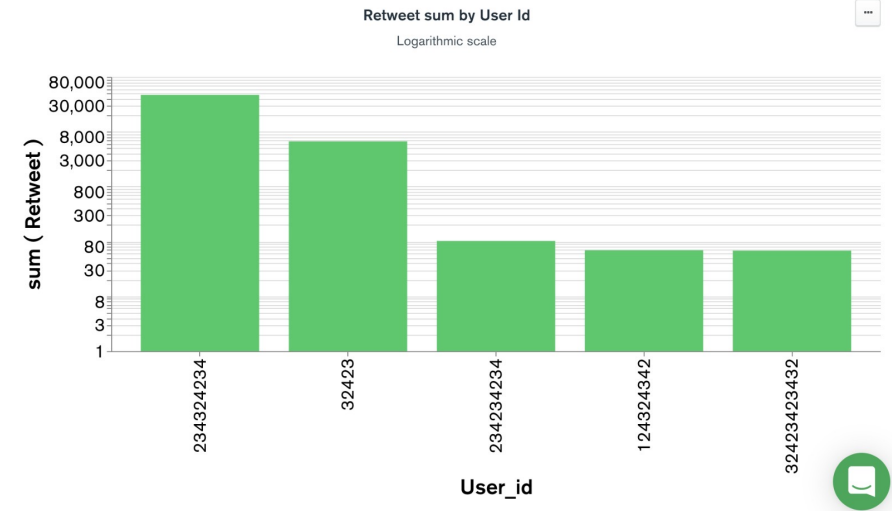
→ Using Py2neo with neo4j

# WEBSITE

- We can see here the repartition of Follower and Following of all users



Sum of Followers and Following by user ID

Logarithmic scale

Count of Retweet by Tweet ID

Enter a description

Tweet_id
- 3424
- 45353534
- 53534543

14.3%

50.0%

35.7%

- Distribution of the number of retweets per tweet

- Tweet 45350534 the most retweeted tweet : 50 %

Number of Like by User Id
Logarithmic scale

Followers Number by User Id
Enter a description

Mean of Retweet and Like by Tweet ID
Logarithmic scale

Retweet sum by User Id
Logarithmic scale
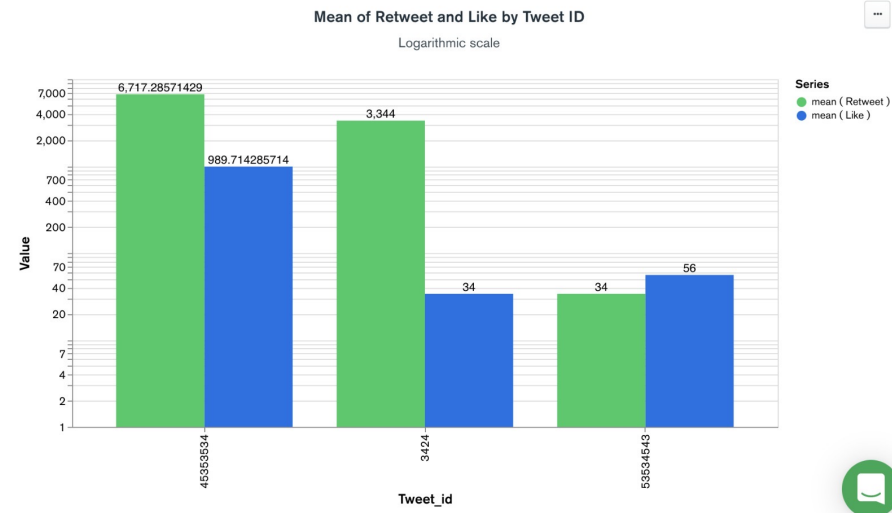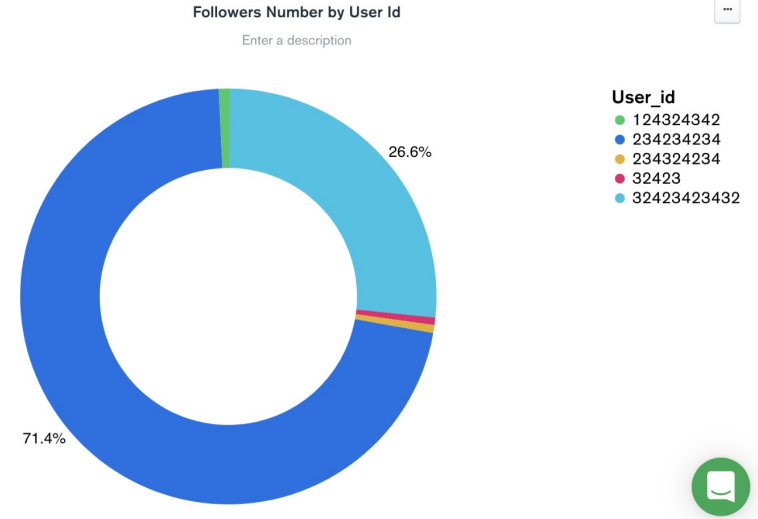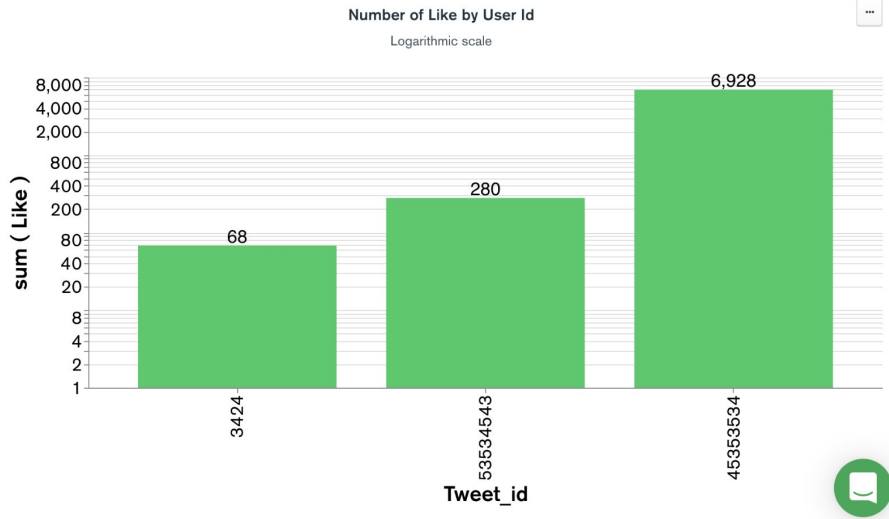
# PROSPECT

❖ These different graphs allow us to quickly analyze and target current trends in order to orientate discussion topics and create new debates to make them as accessible as possible.