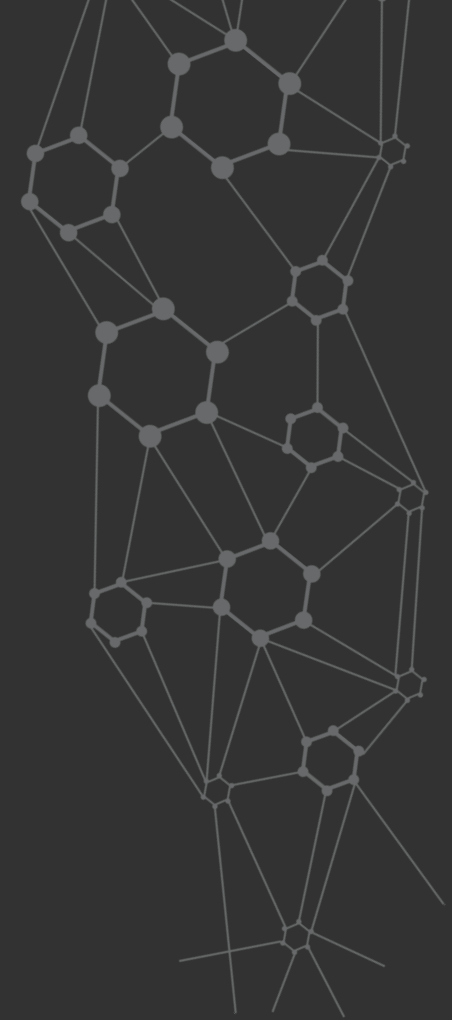




# social network analysis



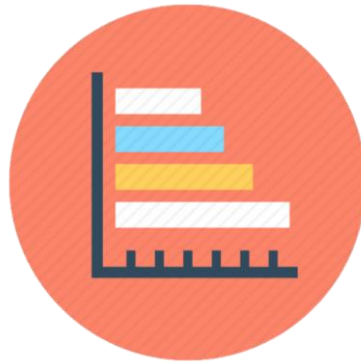
data scientist  
**Dario Bertazioli**  
**Fabrizio D'Intinosante**  
**Massimiliano Perletti**

# introduction



available in 186 countries  
40 millions users  
320k active groups  
12k daily events

# goals



**quantitative  
measures**



**events  
temporal distribution**



**events  
influence area**



**recommender system  
efficiency analysis**

# schema

## covered points

---

from Big Data V(s)



**volume**  
more than 2 GB  
database

**velocity**  
streaming data  
acquisition

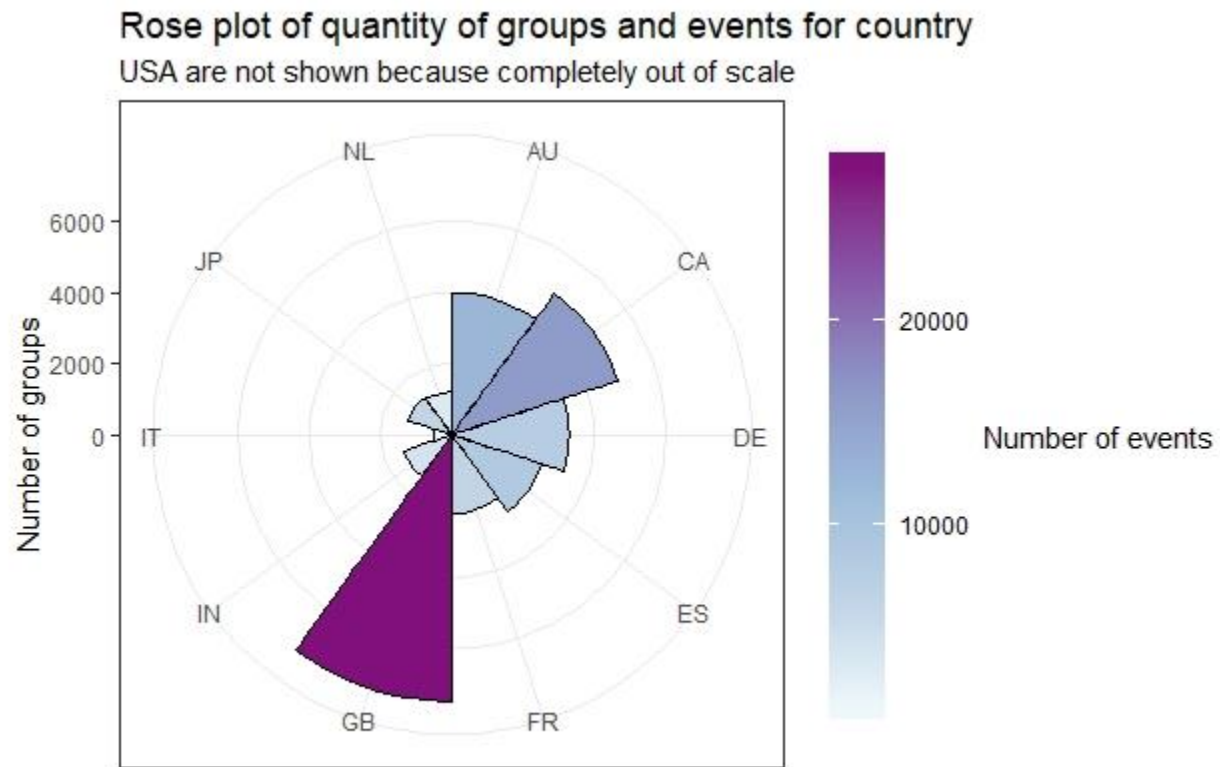


# architecture



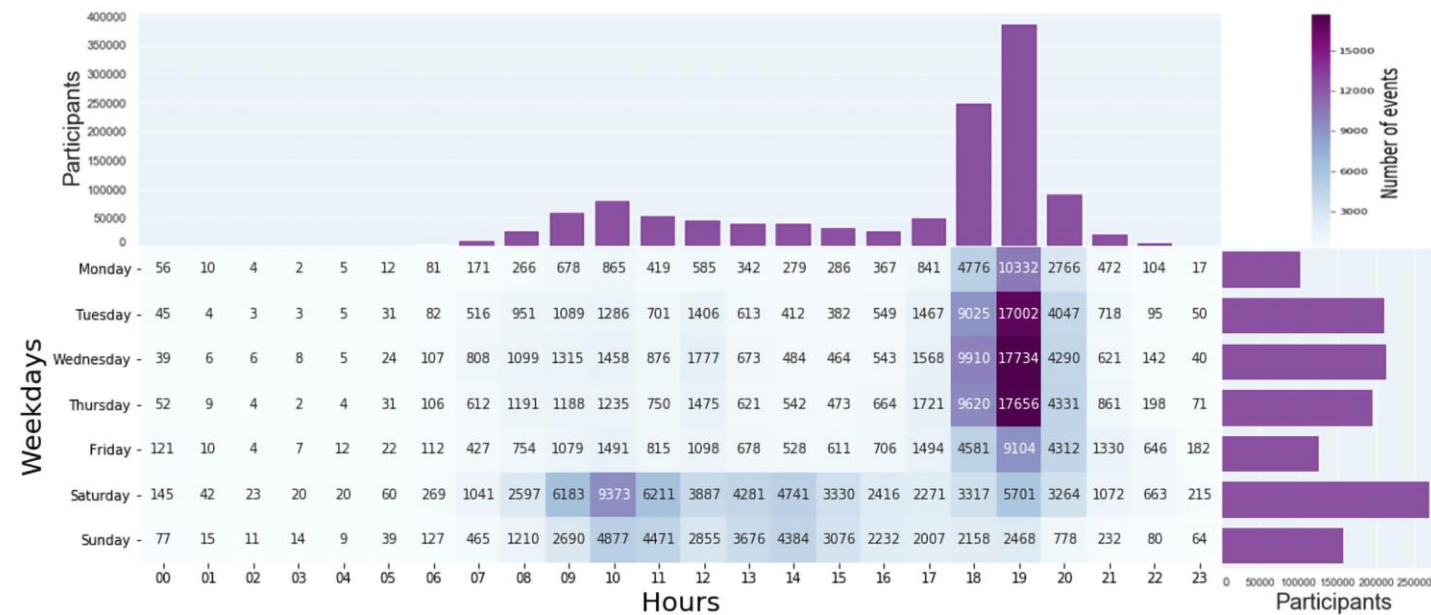
# results

## quantitative measures



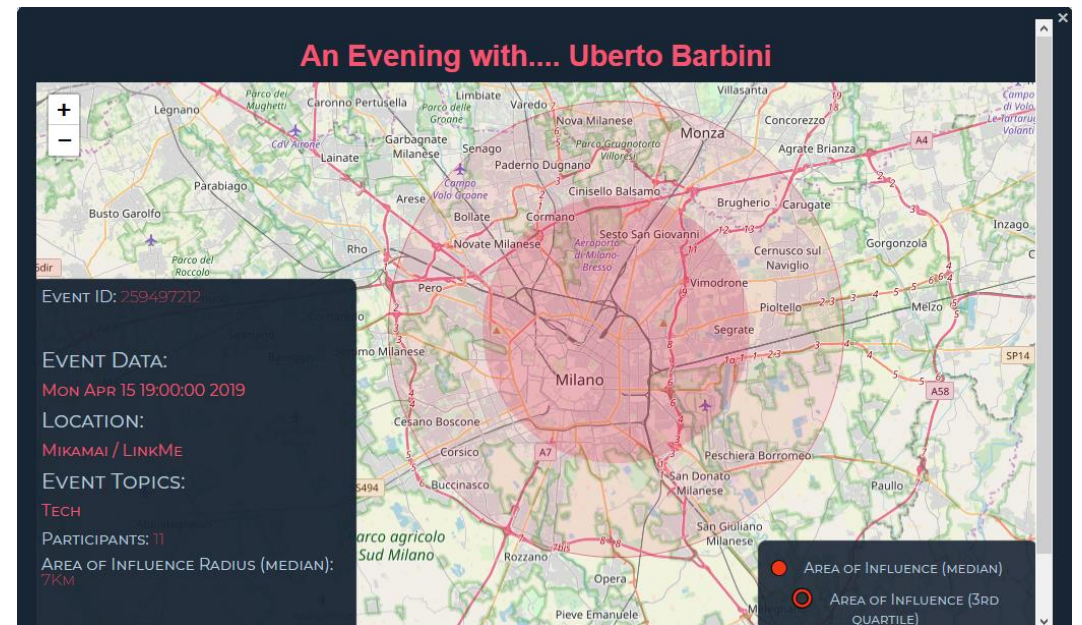
# results

## events temporal distribution



# results

## events influence area



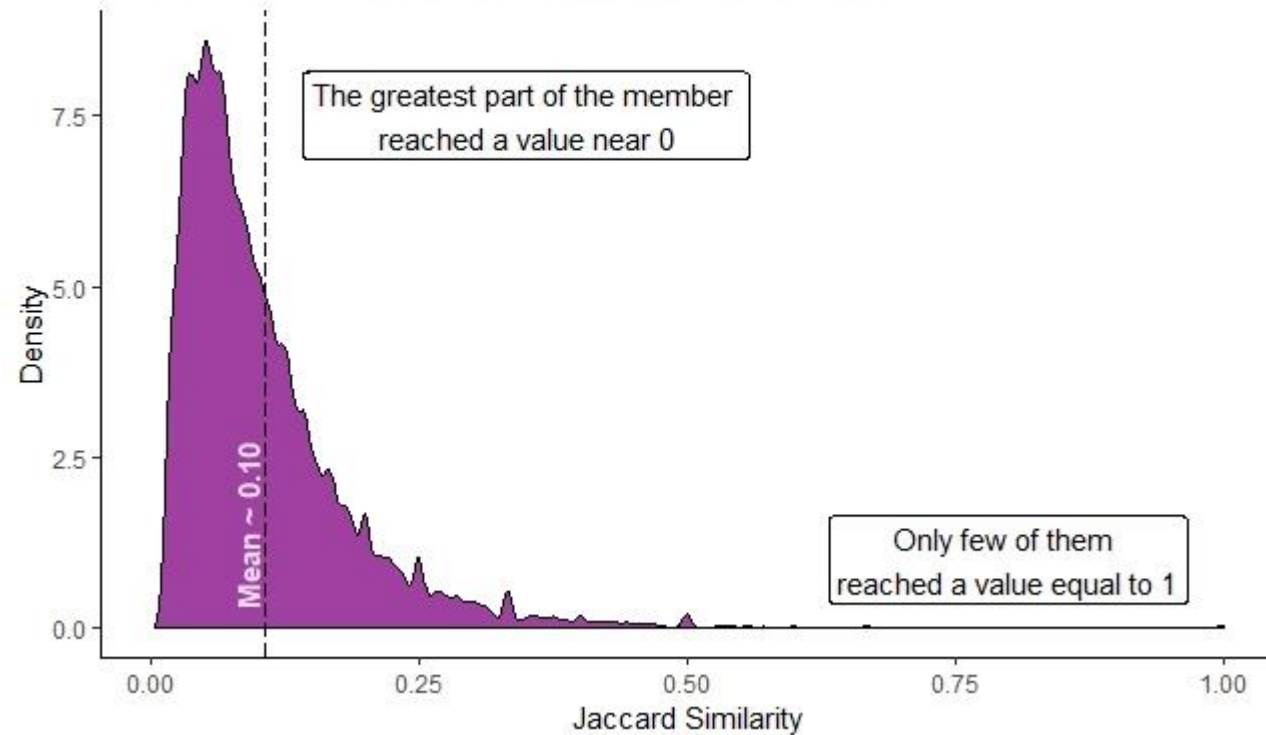


# results

## recommender system efficiency analysis

Jaccard similarity for topics between members

considering 'declared\_interest\_in' and 'is\_interested\_in' relations



# interesting challenges

01

title  
first step

02

title  
second step

## Covered

scrivi qualcosa riguardo allo schema del progetto, l'architettura ecc.