

Social Networks & Recommendation Systems

XII. Social networks.

Grzegorz Siudem

Warsaw University of Technology



**European
Funds**
Knowledge Education Development

**Warsaw University
of Technology**

European Union
European Social Fund



MSc program in Data Science has been developed
as a part of task 10 of the project
„NERW PW. Science - Education - Development - Cooperation”
co-funded by European Union from European Social Fund.

Before classes

Read

[https://neo4j.com/blog/
story-behind-russian-twitter-trolls/](https://neo4j.com/blog/story-behind-russian-twitter-trolls/)

[https://www.nbcnews.com/tech/social-media/
now-available-more-200-000-deleted-russian-troll-tweets](https://www.nbcnews.com/tech/social-media/now-available-more-200-000-deleted-russian-troll-tweets)

Download

[http://nodeassets.nbcnews.com/
russian-twitter-trolls/tweets.csv](http://nodeassets.nbcnews.com/russian-twitter-trolls/tweets.csv)

[http://nodeassets.nbcnews.com/
russian-twitter-trolls/users.csv](http://nodeassets.nbcnews.com/russian-twitter-trolls/users.csv)

Project

Instead of a lecture, a case study:

- What types of trolls are there in the database?

Instead of a lecture, a case study:

- What types of trolls are there in the database?
- How to tell them apart?

Instead of a lecture, a case study:

- What types of trolls are there in the database?
- How to tell them apart?
- What do trolls do?

Instead of a lecture, a case study:

- What types of trolls are there in the database?
- How to tell them apart?
- What do trolls do?
- What hashtags they used?

Project [Work in teams of one or two.]

- P12.1 Import tweeter data. Draw networks illustrating the relationships inside them. [4P]
- P12.2 Your task is to prepare an infographics/presentation/report containing the most interesting conclusions from the analysis of the results of task P12.1. [6P]

Thank you for your attention!



**European
Funds**
Knowledge Education Development

**Warsaw University
of Technology**

European Union
European Social Fund



MSc program in Data Science has been developed
as a part of task 10 of the project
„NERW PW. Science - Education - Development - Cooperation”
co-funded by European Union from European Social Fund.