

Mini project 3 – Twitter Network Analysis

Congratulations! You are already one step away from being a mature data scientist and hopefully you are taking that step through this final 2-part projects.

As a data scientist you should be able not only to process and utilize data but also to propose an idea, plan it carefully, implement and report your idea. This is the goal of mini project 3. **This project will take 2 weeks.**

The goal of this project is to use Twitter data to answer an interesting question of your own using network analysis. You need to do the following steps.

Week 1

- Setup the necessary tools and get the permissions for accessing data on Twitter. This [blog post](#) is a good starting point on how to do it.
- Think of an interesting question you want to answer using the Twitter data.
- Send a one-page description including the following parts through the link in the Moodle page
 - Problem statement
 - Problem importance
 - Your proposed approach
 - The expected outcome
- I will either approve or suggest improvements on the problem description within 24 hours. If your proposal gets accepted you can start working on it immediately, if not you have 24 hours to apply the comments and send the description back to me.

Week 2

- Implement the project
- Write a scientific and clear report for the project
- Use visualization to explain better the results and the data
- Submit the code and the report to Moodle