Project Information

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Network Analysis The app should perform at least one **more elaborate analysis**. For example: Which links do you predict will be formed in the future?

Data sets

Some data sets that might be interesting:

Football player transfers list of all soccer transfers

Flight data all flights among world's main airports

Wikipedia elections elections of wikipedia editors

Product networks catalog of products sold by a company

Your own data Is the data from your thesis suitable? You can also gather data for this project

Other sources

- `https://data.fivethirtyeight.com`
- `http://socialcomputing.asu.edu/pages/datasets`
- `http://snap.stanford.edu/data/`

Deliverables

Your project will be comprised of three deliverables for grading:

1. A working app hosted at `http://shinyapps.io`
2. All the code required to run the app. You need to create a **zip file** containing all the code files and upload it to Moodle

Grading Criteria (I)

Your project will be graded by the criteria in the table below

Completeness	**50%**
- Descriptive Statistics: Does the app provide basic descriptives on the data (static analyses)?	10%
- Network Exploration: Does the app provide exploratory analyses on your network (dynamic analyses)?	20%
- Network Analysis: Does the app provide at least one more elaborate analysis on the network (dynamic analyses)?	20%

Grading Criteria (II)

Your project will be graded by the criteria in the table below

Readability	**20%**
- Does the code comply with the style guide?	10%
- Can the user easily understand each component of the app (graphs, inputs and results)?	10%
Complexity and Business / Societal Relevance	**20%**
- Does the app provide a textual interpretation of the results with business relevancy?	10%
- Does the app show complex behavior and / or use advanced Shiny functionality?	10%
Robustness	**10%**
- Does the app behave correctly in all situations, including displaying the right messages when users provide unexpected inputs?	10%