

Social Interactome Recommender Team

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Social Interactome

- Study on people trying to recover from addictions using private social network website called Friendica
- Kept track of via their posts, messages, and surveys
- Users take surveys to provide information about their recovery



Parsing the Survey Results

- Take initial CSV file from survey results
- Parse results
- Output CSV with numerical and binary values

Friendica Survery

Year of Birth
93

Month of Birth
09

What is your primary Addiction?

Choose

Alcohol

Cannabis

Cocaine

Opioids

Stimulants

of Education

e

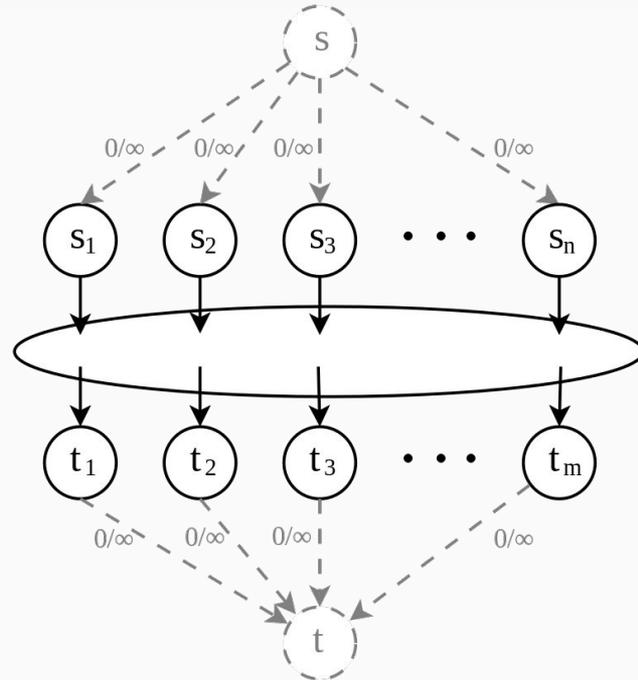
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Similarity Matrix

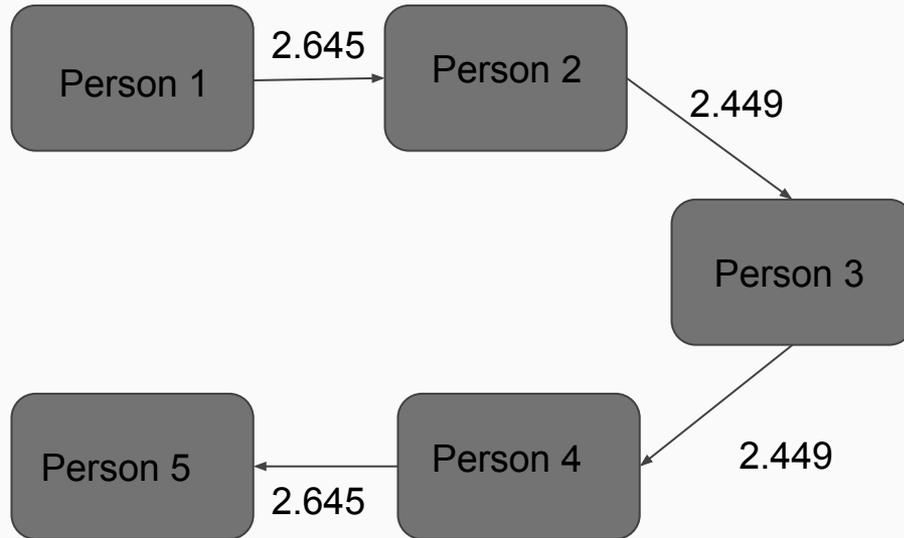
- Each of the users on the two axes
- Values correspond to the likeness
- Used for recommendations

0	2.646	2.449	2.646	2.646
2.646	0	2.646	2.646	2
2.499	2.646	0	3	2.646
2.646	2.646	3	0	2.646
2.646	2	2.646	2.646	0

Max Flow



Lattice Network



What's Been Done

- Parsed survey results
- Made two different algorithms
- Computed similarity matrices
- Tested our output

What's Next?

- Improving the algorithms
- Work with Abigail Bartolome for extra data
- Collaborative Recommender
- More Testing

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