

# Research Assistantship

Social Network Analysis | Apr 2023 - Jun 2023

# RESEARCH AIM & MY ROLE

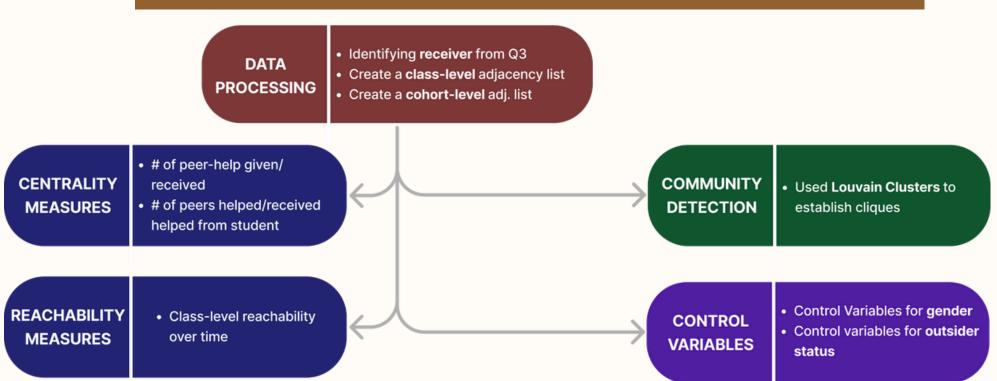
#### Research aim:

• To explore if **peer helping** has any influence on academic performance

# My role:

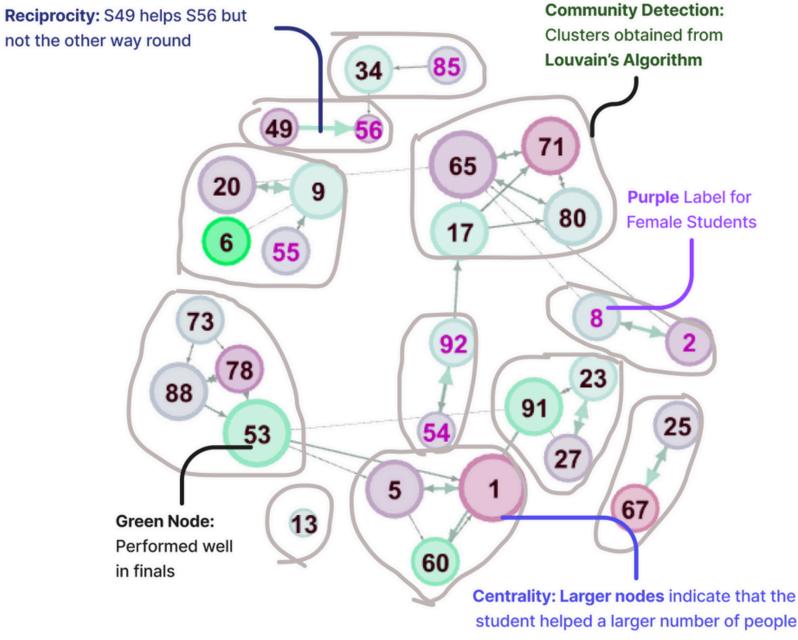
 Perform social network analysis to explore correlations with their final performance

### **METHODOLOGY**



#### Weekly Class survey

Q2: Did you help a friend? (Answer: Yes/No)
Q3: If you did, which student did you help and what did you help with? (Long text)



Directed Graph of one class after 11 weeks of peer helping



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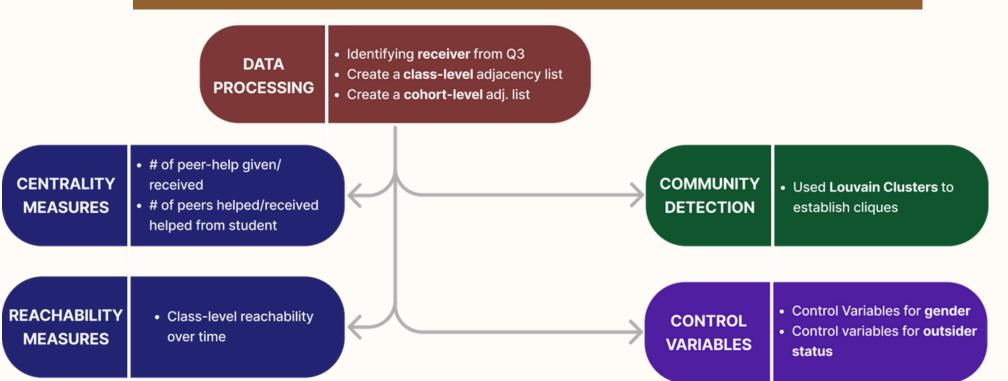
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### **METHODOLOGY**



#### WHAT I GAINED

- Technical Skills: NetworkX, and Gephi (Visualisation Tool), Centrality, Community Detection Methods
- Learn how to analyse with a tight deadline
- Learn how to collaborate in a team of different expertise

#### **AWARDS**

- Co-authored the publication at IEEE TALE 2023
- Achieved Best Conference Paper Award!