Social Network Analysis Visualization Help

https://powcoder.com

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• • Outline

- Assignments
 - Homework 3
 - Henselgament Project Exam Help
- File formats
 https://powcoder.com
 Visualization: General
- Visualization: Networks powcoder
 - Overview
 - Nodes
 - Edges
 - Layout
- Break
 - Lab CDM 801

• • Homework 3

• Questions?

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• • Homework 4



- No more step by step code scaffolding
- Workinghwith: pipartite detecom
- Les Miserables, but
 Section-section projection
- Filtering
- Save as .graphml file
- Make visualizations in Gephi
- Demonstrate image inclusion syntax

• • Turn in

- More files
 - Assignment Project Exam Help
 - Rmdttps://powcoder.com

 - R
 Add WeChat powcoderGraphML

 - PNG

• • Proposal milestone

- Fill out the form
- o Due signatione Etoject Exam Help
- Issue\u00e4ttps://powcoder.com
 - Sampling / selecting huge data sets
 - Data gathering practicalities
- Questions?

• • Graph formats

- Different from how graphs are stored international Project Exam Help
- How are graphs stored in files?
- Many different options Add WeChat powcoder

Most common

- edgelist
 - very simple, just a list of edges
 - no place to store node and edge attributes
- Pajek (Assignment Project Exam Help
 - (what were they thinking!)
 - lists nodes and edges separately
 - also can store https://pawcoder.com
 - associated with the Pajek tool
- GML (.gml)
 - stores a bit more and californian powcoder
 - format a bit like JSON
 - ids must be numeric
- GraphML (.graphml)
 - an XML format
 - most comprehensive
 - least space-efficient
- GEXF
 - similar to GraphML
 - Gephi project

• • In igraph

- g <- read_graph("my-graph.graphml",
- format="graphml")

 o write Assist the Project Exam Help format="pajek")

 • Supported formats
- - edgelist Add WeChat powcoder
 - pajek
 - graphml
 - gml
 - plus dimacs, dot, leda, ncol, lgl
 - not gexf
 - created by the Gephi project