

Introduction to Network Analysis

Date: 10/11/2020

Time: 0930 – 1230

Schedule

0930 – 1000 Network analysis and its uses – live lecture

1000 – 1030 Components of a network – Live lecture

1030 – 1045 Comfort break

1045 – 1130 Transforming data into a network representation – live lecture + code exploration task

1130 – 1230 Building a network graph (NetworkX) – Follow along coding task

Requirements for the session:

- Download the session materials from slack or the GitHub repo
- Make sure the “data” file is stored in the same location as the ‘data_transformation.py’ file
- Ensure that you have Spyder (or another IDE) installed
- Install the NetworkX package using either conda or pip install
 - conda install -c anaconda networkx
 - pip install networkx