

Exploring Connections: A Bring Your Own Data Lab on Historical Network Analysis

Date: 17.-18.10.2024

Where: Leibniz Institute of European History (IEG)
Alte Universitätsstraße 19
D – 55116 Mainz
Germany

Programme (in work):

Day 1: 17.10.2024		
		Speaker
08:45	Registration	
09:15	Welcome	Dr Judit Garzón Rodríguez
09:30	Impuls 1: Epistemology of network research + Case Study	Dr Cindarella Petz (Leibniz-Institute of European History, Digital Historical Research DH Lab)
10:30	Impuls 2: Two-mode networks to investigate affiliation and participation in events	Dr Demival Vasques Filho (University of Luxembourg, Centre for Contemporary and Digital History)
11:30	Coffee break	
11:45	Impuls 3	Sebastian Borkowski, M.A (University of Bern, Data Science Lab)
12:45	Lunch break	
14:00	Instruction + Creating Poster	Dr Cindarella Petz + Dr Demival Vasques Filho + Sebastian Borkowski, M.A
15:00	Coffee break	
15:20	Instruction + Creating Poster	Dr Cindarella Petz + Dr Demival Vasques Filho + Sebastian Borkowski, M.A
16:00	Rotating Poster Session with Peer-2-Peer feedback and mentoring	Dr Cindarella Petz + Dr Demival Vasques Filho + Sebastian Borkowski, M.A
17:00	Plenary session and collaborative planning of the work sessions for the second day	Dr Cindarella Petz + Dr Demival Vasques Filho + Sebastian Borkowski, M.A
17:45	Conclusion	Dr Judit Garzón Rodríguez
18:30	Workshop dinner (At Own Expense)	all participants

Day 2: 18.10.2024		
		Speaker
09:30	Welcome	Dr Judit Garzón Rodríguez
09:40	Impuls: Showing Code Examples of yesterday case studies	Dr Cindarella Petz + Dr Demival Vasques Filho + Sebastian Borkowski, M.A
10:30	Hands-On	all participants
11:30	Coffee break	
11:45	Hands-On	all participants
13:00	Lunch break	
14:00	Hands-On + Mentoring	all participants
15:15	Coffee break	
15:30	Hands-On + Mentoring	all participants
16:20	Closing remarks	Dr Judit Garzón Rodríguez

Aim

Designed for researchers in the humanities and cultural sciences, this workshop offers a practical, supportive and cooperative space to deepen knowledge of Historical Network Analysis. By the end of the Bring Your Own Data Lab, participants will be able to apply more confidently network analysis methods to their own data sets.

Preparation and Prerequisites:

- Basic programming knowledge (R, python, ...). Note that the course will be in Python.
 - On the Leibniz-Institute of European History GitHub repository you can access some preparing material (Python programming, Data Analysis with Python)
 - There are 2 Jupyter Notebooks - https://github.com/ieg-dhr/ieg_workshops/tree/master/2021_02_networks_python: **Introduction_Jupyter_Python.ipynb** and **Intro_Data_Analysis_with_Python.ipynb**. There is also a Jupyter Notebook assignment.ipynb if you want to check your understanding (the document is not long, you may need < 1h)
- Willingness to learn new technical skills
- Important: install and get comfortable with Anaconda3. It contains all packages we will need (Jupyter notebooks included)
 - a. Installing Anaconda,
 - b. Setting up a new environment, e.g. "HNR"
 - c. Installing networkX-package, pandas, matplotlib

Contact and registration:

Dr Judit Garzón Rodríguez

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Note: maximum number of participants is 15.