The ABC of Computational Text Analysis

#11 NLP with Python II + Working Session

Alex Flückiger

Faculty of Humanities and Social Sciences
University of Lucerne

25 May 2023

Recap last Lecture

- perform NLP with spaCy

  Named Entities, linguistic information ...

- create a corpus from text files with textacy

  party programmes by SP

- get basic statistics

Outline

- visualize word frequencies over time 🎨

- export your own dataset as `.csv` 📦

- work on mini-project

Mini-Project Presentations

- <u>~5 projects</u>

- present on 1 June 2023

  10 minutes per group

  +1 min preparation

  +1 min feedback

- comply with <u>formal requirements</u>

Prepare Presentation

- talk, slides, and plots ...

  Motivation: What did you explore?

  Data & Methods: What data and methods did you use?

  Results & Discussion: What did you find out?

- connect your laptop with the projector

📈 visualize to drive your point home