The ABC of Computational Text Analysis

#11 NLP with Python II + Working Session

Alex Flückiger

Faculty of Humanities and Social Sciences
University of Lucerne

15 May 2025

Recap last lecture

- perform NLP with spaCy 🔤

  named entities, linguistic information …

- create a dataset from text files 📄

  party programmes

- get basic statistics 🧮

Outline

- visualize trends

    topical difference between two groups 👥

    word frequencies over time 🎨

- work on mini-project 🏁

Mini-project presentations

- <u>~7 projects</u>

  6 Zoom presentations

- present on 22 May 2025

  8 minutes per group

  +1 min buffer/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?

- share your screen and audio via Zoom

📈 visualize to drive your point home

Let's visualize professionally 🎨

Questions?