

The ABC of Computational Text Analysis

#10 DATA ANALYSIS OF SWISS MEDIA

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Recap last Lecture

- introducing Python 
- learning programming concepts & syntax
data types, loops, indexing, functions...
- working with VS Code Editor

Outline

- Get ready for the mini-project 
- Curate data on SwissDox 
- Perform Media Analysis with Pandas 

Mini-Project

Present your project on 1 June 2024

- analyze any collection of documents
 - compare historically
 - compare between actors
 - form groups of 2-4 people
 - requirements
 - apply quantitative measures on multiple documents
 - interpret and present results
 - share executable script
- ! share your project idea [here](#) by 18 May 2024

Optional Seminar Paper

- writing a seminar paper (6 ECTS)
- get in touch to discuss your idea

Python Script vs Jupyter Notebook

- combine text and code in a single document
similar to [R Markdown](#)
- cells contain either code or text
- supported by [VS Code](#)

Modules/Packages

No programming from scratch 🎉

- packages provide more objects and functions
- packages need to be installed additionally

```
# import third-party package
import pandas
import spacy
import plotnine
```




Questions?