Materials for seminar conferences

Week: June 4th, 2020

- Goals
    - Starting the Jupyter Lab working environment
    - Structure of the page
        - In the sense of "literate programming" (Donald Knuth)
        - Explanatory narrative text
        - Comprehensible part of the program by others
    - Rules of construction
        - Not too lengthy notebooks, few tasks
        - only required textual explanations
    - Hilfe/Tutorials/Info jeder Art
    - Project considerations
    - Title and description of the task
    - Programmes
        - Import of libraries
        - Import of sources, raw data
        - Data wrangling: generating research data
- Jupyterlab
    - Title, Task
    - import of program libraries
    - Importing research sources
    - creation of research data
    - Python tips
        - Define functions
        - Pandas Functions
            - read
            - .head()
            - Copy, slice
            - Filtering of subsets
            - Searching with regular expressions
            - Similar expressions (fuzzy)
- Spacy and the art of linguistic analysis
    - 2 lines to set up
    - From text to doc
    - What are and can Docs

- Spacy Tutorials