

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
 - * Non-lengthy notebooks, few tasks
 - * only required textual explanations
 - Hilfe/Tutorials/Info of all kinds
 - Project considerations
 - Title and description of the task
 - Programmes
 - * Import of libraries
 - * Import of sources, raw data
 - * Process and perform data wrangling -> generating research data
- Info material of the seminar class repository
 - projects: Content of text, data and notebooks for each project
 - posts:
 - * packages: info about installation, packages, tutorials
 - * course: Information from Gerd Graßhoff accompanying the seminar
 - * solutions: brief info addressing tasks and challenges
- 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
- Spacy and the art of linguistic analysis
 - 2 lines to set up
 - From text to doc
 - What are and can Docs
 - Spacy Tutorials

Week: 11. June 2020

- filter records of dataframe
 - boolean function
 - result of test matching
 - filter hierarchy of interesting structures structures
- Spacy
 - similar expressions
 - POS
 - matching POS

Week: 18. June 2020