







### What Next?

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CSC – Finnish expertise in ICT for research, education and public administration

### Extra credit problem

- Parallelise data ingestion and topic modelling with LDA
- If you want to try a more computationally intensive language-related exercise, you can try this one while the course project is still active

## ....

#### **CSC** resources

- For any technical problem, first see docs.csc.fi
- Other courses
  - CSC Computing Environment self-study course
  - Elements of supercomputing self-study course
- Personal support:
  - Weekly CSC Research User Support Coffee sessions
  - servicedesk@csc.fi
    - hint: see tips for writing good support requests (but don't be afraid to send the message even if including all the information feels hard)

### Data management

- CSC Research Data management course
  - Basics of RDM from researcher's perspective
  - Tools & resources
  - Login with CSC account or via Haka
- fairdata.fi data management checklist
  - See also the other "training" subpages
- Instructions for providing privacy notices for Language Bank resources
  - See also personal data processing guidelines

#### **Linux command line**

- Command line basics in docs.csc.fi
- Basic Linux Commands module of the CSC prerequisites minicourse

### Programming

- mooc.fi
  - Python programming for beginners
    - new iteration each year
    - o also available in Finnish as Ohjelmoinnin perusteet ja jatkokurssi
  - Applied language technology course
- fitech.io
  - Online courses from several Finnish universities
- Python for Scientific Computing
  - Covers e.g. data analysis and visualization as well as interacting with APIs



### Research Software Development

- CodeRefinery
  - For people who develop their own tools/scripts
  - Upcoming workshop in September
  - Lessons available for self-study

#### Other

• Language resources, tools and training at clarin.eu