



**Dr. Lepennetier Gildas**



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[lepennetier.com](http://lepennetier.com)

I am a versatile, pragmatic, reliable data lover.



## Work Experience

**09.2021 – current Data Scientist / engineer | Team leader since 06.2023**

*Factfield, Burda... [factfield.de/health/](http://factfield.de/health/)*

- ✓ ETL, Scoring, Ranking to produce the *Klinikliste / Ärzteliste / ...*
- ✓ Database expert, processes improver, quality creator
- ✓ Lateral leadership, Asana manager, JIRA
- ✓ Server admin for Shiny-App

**08.2016 – 08.2021 Data analysis & processing - Research**

*Klinikum rechts der Isar der TUM, München*

- ✓ Single-cell DNA analysis, from raw data to *scientific publications*
- ✓ Involved in a myriad of small and big projects (DNA analysis)
- ✓ *LRZ-user*, SLURM, Linux, docker, bash, R, Python
- ✓ Pipeline (*snakemake*), Statistics, Storage management...

**2012 – 2017 PhD Bioinformatics**

*Institute for Evolution and Biodiversity Münster*

- ✓ DNA analysis – Python/R, Statistics, Publications



## Skills

### ➤ Programming

- ✓ R (tidyverse, ggplot...)
- ✓ Python (pandas, sqlalchemy)
- ✓ SQL & database (sequelAce)
- ✓ Bash

### ➤ Data

- ✓ Machin Learning ([Harvard-X certificate](#))
- ✓ Development of **pipeline**
- ✓ R-Shiny-Apps, Markdown
- ✓ Git versioning
- ✓ Clean data lover

### ➤ Useful general IT skills

- ✓ Unix admin experience
- ✓ Networking & web-knowledge
- ✓ Develop personal website as hobby

### ➤ Cloud computing

- ✓ LRZ / Computer Cluster (parallelization)
- ✓ SLURM workload management

### ➤ Solid organisation

- ✓ SCRUM basics
- ✓ Asana project management
- ✓ Respect of deadlines
- ✓ Best practice advocate

### ➤ Teaching & Mentoring

- ✓ Lateral leadership training
- ✓ Oral Presentation (pptx) and reporting
- ✓ Experience as teacher - Master level



Github: (mainly private repos)

<http://bit.ly/32rkee0>



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## Languages

French native  
English fluent  
German fluent

