



# Tuomo Kareoja

DATA SCIENTIST · DATA ENGINEER

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## Summary and Skills

Data scientist/engineer specialized in relational databases, data pipelines and interactive dashboards. Domain knowledge in hospital management analysis and used cars market. Board games and piano for free time.

EU citizen

Programming	<b>Python, R, bash, LaTeX</b>
BI Tools	<b>Microsoft Power BI, Tableau</b>
Statistical Software	<b>RStudio, SPSS, SAS, RapidMiner</b>
Databases	<b>Postgresql, Microsoft SQL Server</b>
DevOps	<b>Docker</b>
Languages	<b>Finnish (native), English (fluent), German and Swedish (basic)</b>

## Experience

### Data Scientist

NORDIC HEALTHCARE GROUP

Finland

Feb. 2019 - Present

- Combining data all data pipelines to one with a new database (PostgreSQL, Python)
- Champion for version control, project management tools, reproducibility and internal documentation (GitLab, Asana, ClickUp, Docker, Conda)

### Data Analyst

NORDIC HEALTHCARE GROUP

Finland

Jan. 2017 - Feb. 2019

- Interactive visualization and discrete event simulations of hospital processes (Power BI, R, Python, PostgreSQL)

### Junior Data Analyst

GREY-HEN OY

Finland

Sep. 2016 - Dec. 2016

- Quality control of the automated data gathering and report generation for models predicting prizes of used cars (SAS, R, Microsoft SQL Server)
- Documentation of the process chain and datasets

### Teaching Assistant

UNIVERSITY OF HELSINKI

Finland

Jan. 2012 - Dec. 2016

- TA in numerous statistical courses at the departments of social psychology and statistics (SPSS, R)

## Education

### Data Science Bootcamp

UBIQUM

Berlin, Germany

July 2019 - December 2019

- On-site fulltime 5 month project based training course
- Technologies used: Python, R, MySQL, Spark, AWS, Docker
- Algorithms used: GLM, KNN, RF, SVM, GBM, apriori, SARIMAX, Prophet...

### B.S. in Statistics

UNIVERSITY OF HELSINKI

Helsinki, Finland

2012 - 2019

- Ongoing studies for a second major.
- Weighted grade average: 4.53 (scale 0-5)

### M.Soc.Sc. in Social Psychology

UNIVERSITY OF HELSINKI

Helsinki, Finland

2012 - 2015

- Masters weighted grade average: 4.91 (scale 0-5), Master's thesis: Eximia
- Bachelor weighted grade average: 4.02 (scale 0-5)