Jani Miettinen   *Curriculum Vitae*

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PROFILE

Data Scientist/Statistician/Developer specialised in quantitative research, data storages, collection methods and tailoring tools for research and data visualisations.

WORK HISTORY

Data Scientist, Neurocenter Finland, Kuopio   08/2019 -

- Leading data projects and communicating with other partners. Planning, testing and building data pipelines. Company's internal help with data oriented problems.

- Collaboration in data lake project with KUH and UEF. Building best practises in data lake environment.

- Developing R package for register studies, operate data in data lake environment and building interactive Shiny application, maintaining server's and other developmental work.

Data Analyst, Kela, Helsinki   10/2018 - 06/2019

- Collecting and cleaning datasets from different sources. Analysing and modelling datasets. Visualising and communicating results to others.

- Building tools for data-analysis. Building data science architecture/environment and good practises for others.

- Teaching R programming in workshops and one-to-one.

Master Data Product Owner, Kela, Helsinki   04/2017 - 10/2018

- Leading master data development in data warehousing project. Improving master data quality and availability. Help researchers in writing SQL queries to collect datasets.

- Data analysis, modelling and visualisations. Building software on top of the data warehouse storage.

Researcher, Kela, Helsinki   04/2015 - 04/2017

- Coordination and data analysis in research project.

- Building data analysis tools for researchers. Data analysis and visualisations in research. Communication with researchers, writing articles and presenting results.

Traveller, Earth   05/2013 - 04/2015

- Travelling around the World. Photographing different locations and meeting different people from different cultures with variety of backgrounds.

- Learning scuba diving, Spanish and more coding.

Coordinator, Kela, Helsinki   11/2011 - 04/2013
- Developing work in data warehouse project (ETL loading and SQL queries)

- Statistical help in research and writing articles. Participated in five publication as a writer and in two seminars as a speaker

Trainee, Kela, Helsinki   01/2011 - 11/2011
- Survey collection methods and especially Internet collection methods. Statistical weighting methods.

- Writing my thesis about Internet collection methods and selection bias

EDUCATION
University of Helsinki

- Master of Social Sciences, 2012. Title of thesis: *Self-selection bias in Internet surveys* (*Itsevalikoituminen verkkokyselytutkimuksen haasteena*).

- Bachelor of Social Sciences, 2011.

SKILLS
- Advanced R coding skills e.g. interactive Shiny applications, Rmarkdown reporting, ggplot2 visualizations and statistical modelling.

- Experience in Linux, Windows and Mac OSX operating systems. Linux server side administration tasks e.g. installing packages and administering RStudio server.

- Data warehouse production. ETL loadings, staging and architectures.

- Maintaining SQL databases. SQL queries and database administration tasks; e.g. creating new users and tables, granting permissions.

- Survey methodology and statistical weighting methods.