

Milan van den Heuvel

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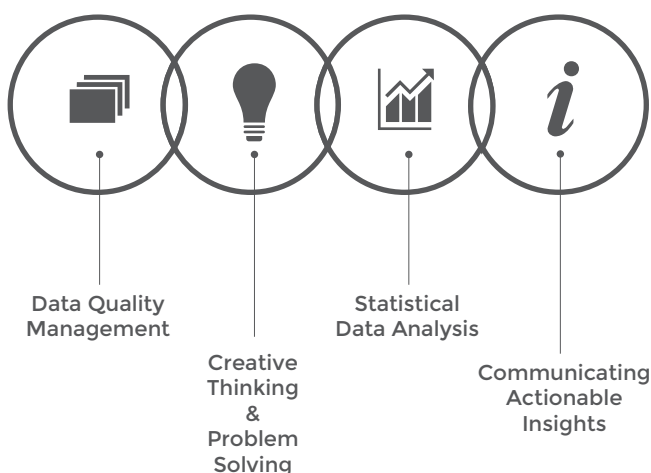
PERSONAL STATEMENT

Ph.D. Physics and Economics with expertise in advanced statistical processing and analysis of data from an econometrics point-of-view as well as from a data science standpoint.

Experienced in project management, goal tracking, and communication in multidisciplinary teams from both industry and academia.

Interested in applying, designing, and learning new machine learning methodology to find relevant answer that empower people/companies/governments to make the right decisions.

MY SPECIALITIES



SKILLS

01 Coding/Scripting

Python

Pandas, PySpark, Hadoop, Dask, sklearn, Graph-Tool, NetworkX, Statsmodels, Matplotlib, Numpy, ...

R

Neo4j

SQL

Other coding

Julia, C++, STATA, MatLab, JavaScript

02 Software

Microsoft Office

Adobe Creative

PhotoShop, LightRoom, Illustrator, After Effects, Premiere Pro

LaTeX

Git/GitHub

Docker

LANGUAGE SKILLS



WORK EXPERIENCE

Post-Doctoral Researcher

2019-now, Ghent University

- Investigating synergies between Machine Learning and Causality to identify and quantify causal links that better inform decisions. Co-lead of the Advanced Data Science team.

Science to Data Science (S2DS)

2019, Pivigo, London

- Project-based training program for quantitative Ph.D.'s to create value for governments and companies.
- Team project resulted in 65% error reduction of customer value predictions leading to higher return on ad sales

Ph.D. Researcher Physics and Economics

2015-2019, Ghent University

- Led interdisciplinary research projects
- Collaborated with Industry
- Leveraged methods from Data Science, Machine Learning, Econometrics, and Statistical Physics
- Extracted, Managed, and Analysed large data sets using Python, R, SQL, Hadoop, STATA, Neo4j

Participant in Project "De Overname"

2008-2011, VRT (Flemish Broadcasting Center)

- Selected to create radio- and television- programs from start to finish
- Learned to structure projects in multifaceted group
- Directed and designed graphics for music programme
- Continued to work for them as Graphic Designer

EDUCATION AND SPECIALISATION

Machine Learning in Practice

2019, London School of Economics (A+)

- Mathematical foundations of ML
- focussing on using data to inform decisions on real world problems

Ph.D. Physics and Economics

2015-2019, Ghent University

- Statistical Data Analysis (Econometrics, Machine Learning)
- Studying socioeconomic challenges
- Working with micro-level trace data

B.Sc. and M.Sc. Physics and Astronomy

2010-2015, Ghent University

- Modelling of complex systems
- Statistical and Computational Physics
- Network analysis
- Minor in Economics

HOBBIES & INTERESTS

