ROEL M. HOGERVORST

I'm a maker. And I love creating tools that people find useful.

INDUSTRY EXPERIENCE

2019

Full stack Data Scientist

Coolblue by

• Rotterdam, Netherlands

· As a full stack data scientist I productionise machine learning solutions with Pythonf according to best software engineering best practices

2019 2018

Data Scientist

Coolblue by

• Rotterdam. Netherlands

· I researched and created a proof of concept, in R, for the sorting of products on the Coolblue pages

2018 2017

Data Scientist

Xomnia by

Amsterdam, Netherlands

· As a trainee I followed data science courses and worked on several projects at a governmental organization

I have worked as a researcher and as data scientist, building both proof of concepts and production systems.

View this CV online with links at rmhogervorst.nl/cv

RESEARCH EXPERIENCE

2017

2015

Researcher

Leiden University

• Leiden, Netherlands

· I worked at several projects to predict and explore first year student performance within Leiden University.

2015 2014 Phd Candidate

Leiden University

• Leiden, Netherlands

· PhD candidate Health Medical and Neuropsychology Universiteit Leiden

SELECTED DATA SCIENCE WRITING

Gosset part 2: Small sample statistics¹

Analyzing text as a graph²

Adding logging to a shiny app with loggit³

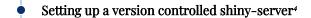
LANGUAGE SKILLS

R	
Python	
Bash	
SQL	
Git	
Rust	

CONTACT

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- **O** rmhogervorst.nl
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I regularly blog about data science and visualization on my blog Roel's R-tefacts.



- Creating a cmdline interface to add dancing bananas to an image.5
- Visualisation of weather in Netherlands⁶
- An explanation of how NSE works7
- From SPSS to R series⁸



2014 2012

2012 2008 Master of Science, Medical Psychology

Tilburg University

Tilburg, Netherlands

Bsc. Psychology Leiden University

• Leiden, Netherlands



■ SELECTED PUBLICATION

2018

Cross-Validated Prediction of Academic Performance of First-Year University Students: Identifying Risk Factors in a Nonselective Environment

Educational Measurement: Issues and Practice

· Authored with Eline Meijer Marc P. H. D. Cleiren Elise Dusseldorp Vincent J. C. Buurman Roel M. Hogervorst Willem J. Heiser



- 1: https://blog.rmhogervorst.nl/blog/2019/10/11/gosset-part-2-small-sample-statistics/
- 2: https://blog.rmhogervorst.nl/blog/2018/07/24/arthur-blinked-ford-shrugs-displaying-words-as-graph/
- 3: https://blog.rmhogervorst.nl/blog/2018/02/28/adding-json-logging-to-shiny-app/
- 4: https://blog.rmhogervorst.nl/blog/2018/02/06/setting-up-a-version-controlled-
- 5: https://blog.rmhogervorst.nl/blog/2017/12/29/extending-the-oomsifyer-cmdline/
- 6: https://blog.rmhogervorst.nl/blog/2017/11/20/xkcd-the-netherlands-weather/
- 7: https://blog.rmhogervorst.nl/blog/2016/06/13/nse_standard_evaluation_dplyr/
- 8: https://blog.rmhogervorst.nl/blog/2016/02/20/from-spss-to-r-part1/