

ROEL M. HOGERVORST

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



INDUSTRY EXPERIENCE

2019

Full stack Data Scientist

Coolblue bv

📍 Rotterdam, Netherlands

- As a full stack data scientist I productionise machine learning solutions within Coolblue

2019

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2018

Data Scientist

Coolblue bv

📍 Rotterdam, Netherlands

- I researched and created a proof of concept for the sorting of products on the Coolblue pages

2018

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2017

Data Scientist

Xomnia bv

📍 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

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2015

Researcher

Leiden University

📍 Leiden, Netherlands

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

2015

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2014

Phd Candidate

Leiden University

📍 Leiden, Netherlands

- PhD candidate Health Medical and Neuropsychology Universiteit Leiden

LANGUAGE SKILLS

R

Python

Bash

SQL

Rust



SELECTED DATA SCIENCE WRITING

Gosset part 2: Small sample statistics¹

Analyzing text as a graph²

Adding logging to a shiny app with loggit³

CONTACT

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📄 github.com/rmhogervorst

🌐 rmhogervorst.nl

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

Setting up a version controlled shiny-server⁴

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



EDUCATION

2014
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2012

Master of Science, Medical Psychology

Tilburg University

📍 Tilburg, Netherlands

2012
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2008

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



LINKS

- 1: <https://blog.rmhogervorst.nl/>
- 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-shiny-server/>
- 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/>