Noah Stegehuis

+31 628 136 276 — noahjstegehuis@gmail.com
LinkedIn   Personal website

PROFILE

Data scientist and PhD researcher, with a passion for combining research and practical problem-solving. Experienced in Python, SQL and R for research as well as business applications. Critical thinker with strong attention to detail, eager to contribute to meaningful, high-impact projects in research or industry. Expert in econometrics, ML and advanced statistical modelling.

WORK EXPERIENCE

Research Data Scientist
- Research & Development: building the Churned Analytics Engine that automatically performs estimation and testing of econometric and machine learning models on data provided by various companies with a subscription-based revenue model
- Researching the optimal theoretical modelling strategies for churn data
- Developing a Python package that is integrated into the dashboard of the client company, providing real-time insights into their customer churn rates

Churned AI
Amsterdam, the Netherlands
Oct 2021-May 2022

Data Science Work Student
- Part of the Clinical Outcomes Benchmark team that creates performance reports of medical specialists of 90% of Dutch hospitals
- Composed the draft version of performance reports for the first foreign hospital client, including data cleaning and preparation
- Designed helpful benchmark insight report for the analyst team, containing the status of data delivery of all hospitals
- Collaborated on insight reports of surgery times and registration practices of surgeons across Dutch hospitals on request of the Dutch National Healthcare Authority (NZA).

Logex Healthcare Analytics
Amsterdam, the Netherlands
Sep 2018 – Jul 2019

Bachelor Thesis Intern
- Consultancy project: Forecasting the sales for fan shop of a Dutch premier league football club in the Netherlands in combination with Bachelor thesis about Vector Auto Regressive (VAR) modelling

Accenture
Heerlen, the Netherlands
Apr 2018-Jun 2018

EDUCATION

PhD Candidate Econometrics – Vrije Universiteit Amsterdam
- Department of Econometrics & Data Science
- Affiliation to Tinbergen Institute, research institute in economics, econometrics and finance
- Research: Theoretical developments for causal inference with experimental and observational data, time varying structural parameter models, synthetic control methods
- Teaching: Advanced Econometrics (Msc. Econometrics), Business Statistics (Bsc. IBA), Supervisor of Msc. and Bsc. theses.
- Training includes Deep Learning Course (Neural Networks)

Amsterdam, The Netherlands
Sep 2020- Mar 2025

Master of Science –Vrije Universiteit Amsterdam
- Msc. Econometric Theory
- Cum Laude (**GP A**: 8.4/10) and completed Honours Programme
- Courses include Time Series Analysis, Advanced Econometrics, Data Mining Techniques

Amsterdam, The Netherlands
Sep 2019-Aug 2020

Bachelor of Science - Maastricht University
- BSc. Econometrics & Operations Research
- Cum Laude (**GPA**: 8.3/10) and completed Honours Programme
- Exchange semester to Hong Kong University of Science and Technology (HKUST)

Maastricht, The Netherlands.
Sept 2015-Jul 2018

LEADERSHIP AND SKILLS

Languages: English (fluent), Dutch (native), French (intermediate), Spanish (pre-intermediate)

Technical skills: Python (incl. object oriented), R, SQL, Matlab, LaTeX, MS Excel (VBA), Git

Extracurricular activities: Part of Activities Committee of econometrics association Vectum Maastricht University

Hobbies and interests: Reading, ballet, film, art, architecture, travelling