

Clemens Fiedler, Ph.D.

✉ clemens.mb.fiedler@gmail.com | ☎ +31 6 4027 9054 | 🌐 clemensfiedler.com
🌐 [linkedin.com/in/clemensfiedler](https://www.linkedin.com/in/clemensfiedler) | 🐙 github.com/clemensfiedler | 🇦🇹 Austrian (EU)

Profile

Curious and problem-oriented data scientist at the Netherlands Bureau for Economic Policy with an extensive background in **data science** and **microeconomics**. Well-versed in understanding and applying **causal inference methods** and using data analysis, and visualization. Highly skilled and enthusiastic user and teacher of **Python** and **R**. Versatile, motivated, and experienced **leader**, **coordinator**, and **team player** willing to take the initiative and engage problems head-on.

Relevant Skills

Methods

Machine learning
Causal inference
Data visualization
Textual analysis
Monte Carlo Simulations
Bootstrapping
Reinforcement Learning
Double Machine Learning

Software

Python 7+ years
R 8+ years
Git 7+ years
SQL 5+ years
Stata 8+ years

Languages

English fluent
German native
Dutch proficient

Packages

numpy, pandas, sklearn
data.tables, tidyverse
ggplot2, rlasso, grf

Work Experience

Researcher Data Science & Financial Markets, CPB Netherlands Bureau for Economic Policy Analysis

October 2019 -
Currently

- Used large micro datasets to study the causal effects of different policies.
- Implemented and modified machine learning models such as Double-Machine Learning in Python and R.
- Working with Python, R, and Git on a daily basis.
- Working as part of a small team using collaboration tools.
- Disseminating data science knowledge: organizing courses, writing blogs, and advising researchers.

External Lecturer Tilburg University,

January 2020 -
Currently

- Teaching M.Sc. Course: Seminar Competition Policy.
- Supervising M.Sc. Theses on Data Science and Machine Learning.

Ph.D. Candidate in Economics, Tilburg University

Supervisors: Prof. Jan Boone, Dr. Florian Schütt

September 2015 -
September 2019

- Five years of research on innovation using simulations and theoretical models.
- Extensive experiences with presenting to an academic and professional audience within and outside of my field.
- Deep understanding of causal inference, game theory, microeconomics, and computational simulations.
- Teaching competition policy and programming at Bachelor's and Master's level.

Education

Ph.D. in Economics, Tilburg University Innovation in the Digital Age: Competition, Cooperation and Standardization	September 2015 - October 2020
M.Sc. (Research Master) in Economics, Tilburg University Cum Laude, Major: Microeconomic Theory, Minor: Econometrics.	August 2013 - September 2015
M.Sc. in Economics, Vienna University of Business and Economics With Distinction, Major: Mathematics.	August 2011 - July 2013
B.Sc. in Business, Economics and Social Sciences Vienna University of Business and Economics	September 2006 - March 2011

Extracurricular Activities

Board Member, Tilburg Ph.D. Platform, Tilburg University <ul style="list-style-type: none">• Represented the interests of Ph.D. candidates within the university.• Facilitated information sharing between schools and management.• Organized courses on programming for Ph.D. candidates and Faculty.	September 2017 - February 2019
Founder & Organizer, Programming Group, Tilburg University <ul style="list-style-type: none">• Founded the cross-disciplinary TiSEM Programming Group.• Set up the infrastructure and developed the strategic plan.• Invited lecturers and coordinated seminar schedule.	September 2017 - July 2019
Council Member, Faculty Council (TiSEM), Tilburg University <ul style="list-style-type: none">• Represented the interests of Ph.D. candidates within the Faculty.• Advised management team, discussed and approved policy and budget.	March 2017 - September 2018
Chairman, Graduate Students' Society, Tilburg University <ul style="list-style-type: none">• Planned activities of the GSS and developed the strategic plan.• Conducted meetings with stakeholders of the Graduate School.• Coordinated between the different members of the GSS board.	June 2016 - September 2018
IT Coordinator, Graduate Students' Society, Tilburg University	August 2014 - September 2016

Interests & Activities

Professional Interests:

Data science, causal inference, competition policy, and innovation.

Personal Interests:

Recreational programming and riddles like FiveThirtyEight's Riddler (I received a shout-out in 2018), technology (Wired and Heise), physics (Sean Carroll's great lectures), and science fiction (Asimov, Herbert)

Other Activities:

Running, cycling, swimming, board and video games (strategy and tactics)