CV

Skills

DATA SCIENCE

- Time Series Data, Cross-Sectional Data, Anomaly Detection, Data Visualization, Data Wrangling, Dashboarding

LANGUAGES

- Statistics/Data Science: R, Stata (both advanced), Python, Matlab, SPSS, Eviews

- Other: Latex, Microsoft Office, Markdown

APPLICATIONS

- RStudio, Spyder, Jupyter Notebook, Git Bash, Notepad++, SAS EG

Experience

ING Bank N.V. - Financial Crime Analytics   *Nov 2019 - present*

DATA SCIENTIST   *Amsterdam*
- Part of a big team of 20-25 FTE's that develop models to detect money laundering and other illegal financial activities

ING Bank N.V. - Finance Analytics   *Feb 2018 - Nov 2019*

DATA SCIENTIST   *Amsterdam*
- Part of a small team of 2-3 FTE's that service employees in Group Finance via analytics projects
- Create R packages for time series forecasting, detecting/correcting anomalies and data exploration
- Deploying projects via local and docker solutions
- Running workshops and trainings in R, Python and statistics
- Coaching IT trainees in data science work
- Engaging stakeholders to help them become more data-savvy and understand what they can (and can't) do with data science

A University in the Netherlands   *Sep 2014 - Aug 2018*

PHD RESEARCHER IN ENVIRONMENTAL ECONOMICS   *The Netherlands*
- Thesis title: 'The Value of (Avoiding) Malaria' (link, graduated 2nd of May 2019)
- Supervisors: Roy Brouwer & Richard Tol
- Links to completed papers:
    - Valuing malaria morbidity (link)
    - Preference updating in public health risk valuation (link)
    - Public preferences and valuation of new malaria risk (link)
    - Attitudes towards public health spending (link)
- This was financed by an EU FP7 project: HELIX (link). This involved multidisciplinary collaboration with researchers from mathematics, physics, engineering, geography and sociology. I also organized and executed a field survey in Mumbai, India between March - June 2016 as part of this project.

A University in the Netherlands   *Sep 2013 - Feb 2018*

TEACHING ASSISTANT   *The Netherlands*
- Courses: Statistics/Econometrics (masters level - including coding in SPSS and R), Mathematics (masters level - linear algebra and advanced calculus)

Education

A University in the Netherlands   *Sep 2012 - Aug 2014*

MPHIL IN ECONOMICS   *A University in the Netherlands*
- Specialization: Applied micro-econometrics
- Thesis: 'What explains willingness to pay for avoiding morbidity risk due to malaria? Results from a global meta-analysis' (later on became first chapter of PhD thesis)

A University in Turkey   *Sep 2008 - Jun 2012*

BSC IN ECONOMICS   *A University in Turkey*
- Specialization: Academic (i.e. a special focus on applied mathematics and statistics)