



## Carolien Maas

### Econometrician

#### About me

"I'm specialized in statistical data analysis. My goal is to innovate the health sector."

#### Technical skills

R

Python

STATA

Microsoft Office

SQL

MATLAB

Eviews

SPSS

C

#### Languages

Dutch

English

#### Hobbies

- Horse riding
- Travel
- Playing piano

#### Relevant Work Experience

November 2020 - Now

##### PhD candidate

- Department of Public Health, Erasmus Medical Center  
Prognosis and optimal treatment of cancer patients

July 2017 - February 2019

##### Student Tech Assistant

- University of Amsterdam  
Tasks and responsibilities: developing and maintaining tests in the online learning environment by Maple T.A., answer and help students with mathematical questions, correcting exams.

#### Education

September 2019 - Present

##### Master Econometrics, GPA: 7.9

Business Analytics and Quantitative Marketing

- Erasmus University of Rotterdam  
Master Thesis 'Evaluation of Heterogeneous Treatment Effect Estimation in Randomized Clinical Trials', grade: 9
- Department of Public Health, Erasmus Medical Center

September 2015 - July 2019

##### Bachelor Econometrics, GPA: 8.0

- University of Amsterdam  
Bachelor Thesis: 'The single parent battle against the adolescent use of cigarettes, alcohol and drugs. - To what extent does family structure influence smoking, alcohol and drugs behavior amongst adolescents.'
- Supplementary courses  
Minor in Artificial Intelligence  
Privacy in Big Data, Self-Tracking and Social Networks  
Databases
- Exchange for one semester, Keio University, Japan

September 2008 - July 2015

##### Pre-university Education

- Emelwerda College, Emmeloord  
Profile: Economics and Society with Mathematics level B

#### Extra Curricular Activities

December 2020 - Now

##### Committee member of Junior representatives MGZ (JVO)

- Department of Public Health, Erasmus Medical Center  
Tasks: introduction of new employees

March 2018 - July 2018

##### Data-analyst

- Learning Academy, City of Amsterdam  
Project on crowd management in Amsterdam.  
Tasks and responsibilities: provide leadership and guidance to the team members, provide project documentation, manage the customer relationship.

September 2016 - November 2017

##### Committee member of Aenorm Magazine

- Student Association VSAE  
Tasks and responsibilities: having interviews, writing articles, designing the magazine with Adobe InDesign CC