@ s.kaiser@phd.hertie-school.org

PROFILE

I am currently completing my PhD in the field of data science and machine learning and its application to urban transport data, especially cycling. With my work I strive to contribute to a better quality of life in urban space.

PROGRAMMING

Statistical Software	Python (advanced) R (advanced)

LANGUAGES

German	Native Speaker
English	Near native (C2, TOEFL: 120 points)
French	Fluent (C1/C2, DALF: C1)

SCHOLARSHIPS

Bachelor & Master	Studienstiftung des deutschen Volkes (German National Academic Foundation)
Master	Deutscher Akademischer Austauschdienst (DAAD) (German Academic Exchange Service)
Ph.D.	Berlin School of Economics Scholarhip

M.Sc. M.Sc. Silke Kaiser

Data Scientist / Applied Statistician

Berlin, 19 September 2022

EDUCATION

Since 2020 **Ph.D. Economics, Specialization Data Science**
Topic: Statistical Machine Learning Analysis of Urban Cycling
Berlin School of Economics, Berlin, Germany
Chair of Prof. Kaack, Computer Science and Public Policy

2018-2020 **Master Dual Degree**
  1. **M.Sc. Models and Methods of Quantitative Economics**
Erasmus Mundus
Université Sorbonne-Panthéon, Mathematical Faculty, Paris, France
 & Università Ca'Foscari Venice, Economics Faculty, Venice, Italy
  2. **M.Sc. Economics**
SciencesPo, Doctoral School, Paris, France

2013 – 2017 **B.A. Political Sciences and Economics**
Westfälische Wilhelms-Universität Münster, Germany

RESEARCH

2021 - 2022 **Working Paper: Predicting Cycling Counter Measurements Using Bike-Sharing and App-Data**
A comparison study of classical ML algorithms

INTERNSHIPS AND PROFESSIONAL EXPERIENCE

Since 2021 **Research Assistant Econometrics, Humboldt-University, Berlin (Germany)**
Chair of Econometrics

2019- 2020 **Research Assistant Econometrics, SciencesPo, Paris (France)**
Professor Junnan He, Econometrics and Decision Theory

2018 **Institute for Ecological Economic Research (IÖW), Berlin (Germany)**
Internship in Economic Research on Rebound-Effects