

I am a data scientist and a political psychologist with a background in psychometrics, psycholinguistics, cross-cultural research, and modeling subjectivity. My domain expertise is particularly relevant to political consulting, targeted communication, and public administration. My track record includes work on consumer behavior, customer segmentation, institutional culture, and mental well-being.

SKILLS

Data Science

🐼 pandas, NumPy, SciPy, scikit-learn, surprise, transformers, NLTK, semopy, Matplotlib, seaborn, bokeh, altair
 📊 tidyverse, tidymodels, sherlock, sl3, fairmodels, easystats, lavaan (& its ecosystem), psychometric networks (collection of packages), bnlearn, SEMgraph, quanteda (& its ecosystem), udpipe (& its ecosystem), modeltime (& its ecosystem), igraph, infer, survival, survminer, rstanarm, rjags
 Cross platform:: TensorFlow, Keras, Torch, Prophet, Gluon, spaCy, genism, H2O, DALEX, DoubleML, plotly

Machine Learning

Regression, classification, time series, natural language processing

Statistics

Frequentist & Bayesian inference, the general structural equation modeling framework, psychometric networks, social network analysis, survival analysis

Programming

Git, Bash

Databases

Postgres, SQLite, MongoDB

Deployment

AWS (EC2, RDS), Docker, Flask

Big Data & Engineering

Spark, Airflow

RELEVANT WORK EXPERIENCE

12/2022 – 09/2023

Associate Researcher/Language Group Leader (Turkish)
[European Commission Joint Research Centre](#)'s ValuesML project

Since 02/2022

Data Scientist
[BCW Global Europe & Africa](#), Berlin, Germany

Since 02/2019

Researcher
[Bremen International School of Social Sciences, Psychology & Methods](#), Constructor University / formerly [Jacobs University](#), Bremen, Germany

07/2012 - 02/2020

Research Assistant Lecturer & (Interim-) Academic Coordinator
[Social Sciences Department](#), [European Master in Migration & Intercultural Relations](#) [CvO Universität Oldenburg](#), Oldenburg, Germany

Visit [portfolio website](#)

SELECTED PROJECTS

EDUCATION

2021

Data Science Bootcamp
[Spiced Academy](#), Berlin, Germany

2015 - 2018

Ph.D. in Political Science
[CvO Universität Oldenburg](#), Oldenburg, Germany

2008 - 2012

M.A. in Political Science
[Bilkent University](#), Ankara, Turkey

2005 - 2008

M.A. in International Relations
[Galatasaray University](#), Istanbul, Turkey

Visit [here](#) for formal trainings and continuing education

See the full list of academic publications [here](#)

LANGUAGES

English (Proficient), German (Intermediate), Turkish (Native)

INTERESTS

Drumming, cycling, cooking