

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

SKILLS

Data Science

2+ years 🐼 : pandas, numpy, scikit-learn, matplotlib, seaborn
7+ years 🐍 : tidyverse, tidymodels, easystats, lavaan (& its ecosystem), psychometric networks (collection of packages), bnlearn, quanteda (& its ecosystem), udpipe (& its ecosystem), spacy, igraph, infer, survival, survminer, rstanarm, rjags
Since 2021 Tensorflow-Keras, pytorch, prophet

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

Since 2021 Git, Bash

Databases

Since 2021 Postgres, SQLite, MongoDB

Deployment

Since 2021 AWS (EC2, RDS), Docker, Flask

Big Data & Engineering

Since 2022 Spark, Airflow

SELECTED PROJECTS

Auto- & Explainable- Machine Learning

🔗 cross-platform application of auto- & explainable- ML

Attitudes towards COVID-19 and Voting Intention in Germany

🔗 Machine and deep learning, psychometrics

Measuring Organizational Practices

🔗 Natural language processing

Movie Recommender

🔗 Unsupervised machine learning

Dockerized Data Pipeline

🔗 Involves: MongoDB, ETL job (sentiment analysis), Postgres & Slackbot

RELEVANT WORK EXPERIENCE

Since 02/2022

Data Scientist

BCW Global Europe & Africa, Berlin, Germany

Since 02/2019

Researcher

Bremen International School of Social Sciences, Psychology & Methods, 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

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

LANGUAGES

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

INTERESTS

Drumming, cycling, cooking