M. Murat Ardag

📍 10715 Berlin

🌎🌐 Cypriot (EU), British Overseas & Turkish 🌍🌎

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 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

3+ years 🐍 pandas, NumPy, SciPy, scikit-learn, surprise, transformers, NLTK, semopy, Matplotlib, seaborn, bokeh, altair

7+ years Ⓡ 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

SELECTED PROJECTS

Visit [portfolio website](#)

RELEVANT WORK EXPERIENCE

Since 02/2022	***Data Scientist***
	BCW Global Europe & Africa, Berlin, Germany

12/2022 – 09/2023	***Associate Researcher/Language Group Leader (Turkish)***
	European Commission Joint Research Centre's ValuesML project

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

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