JOHANNES MARKUS FELDHEGE

intro english Als wissenschaftlicher Mitarbeiter am Uniklinikum Heidelberg habe ich von 2017-2022 mit Natural Language Processing Methoden Unterhaltungen zum Thema psychischer Gesundheit auf Reddit untersucht. Seit 2022 arbeite ich als Data Scientist für Asklepios Science & Research an Real World Evidence Studien. In Praktika und in ehrenamtlicher Tätigkeit habe ich verschiedene Data Science Projekte mitgestaltet.

🎓 EDUCATION

M. Sc. Psychology
10/2013 | 03/2016
University of Kassel
📍 Kassel

B. Sc. Psychology
09/2013 | 10/2010
University of Hamburg
📍 Hamburg

B.A. Sociology and Sinology
09/2010 | 10/2007
University of Freiburg
📍 Freiburg

💼 PROFESSIONAL EXPERIENCE

Research Associate
03/2022 | 04/2016
Center for Psychotherapy Research
📍 University Hospital Heidelberg

- Designed and implemented text mining analyses of social media big datasets
- Developed and programmed an R package to access and download data from the API of the social media website reddit.com (Github)
- Wrote and published scientific papers in renowned peer-review journals
- Programmed functions for an internal R package which execute MySQL statements in databases and return their output to a dashboard
- Supported the use of quality assurance software in psychosomatic hospitals and analysed quality assurance data and compiled the results in yearly reports

Data Science Internship
03/2016 | 01/2016
Eoda Gmbh
📍 Kassel

- Developed materials for a workshop on time series analysis
- Programmed and tested R functions that create SQL statements and execute them in databases
- Conducted descriptive analyses of point of sales data of a retail business

R Tutor
06/2015 | 09/2014
University of Kassel
📍 Kassel

- Developed and taught introductory and intermediate R courses for Psychology M. Sc. students

PROGRAMMING SKILLS

Ⓡ R
⛰ tidyverse
RMarkdown / Quarto
⑂ Git
🐙 GitHub
🗏 HTML
🗄 SQL

09/2013
|
08/2011

Student Assistant

Servicestelle Empirische Forschungsmethoden   📍 University of Hamburg

• Developed and taught a workshop on survey design
• Maintained and analyzed datasets of consultations und courses
• Prepared quarterly reports

📖 SELECTED PUBLICATIONS

2022
Stigmatization and attitudes toward eating disorders: a comparison between native German adolescents, Turkish immigrant adolescents in Germany, and native Turkish adolescents.[1]

Journal of Mental Health

2021
Detrimental Effects of Online Pro–Eating Disorder Communities on Weight Loss and Desired Weight: Longitudinal Observational Study

Journal of Medical Internet Research

2021
Changes in Language Style and Topics in an Online Eating Disorder Community at the Beginning of the Global COVID-19 Pandemic: Observational Study[2]

Journal of Medical Internet Research

2020
What prevents young adults from seeking help? Barriers toward help-seeking for eating disorder symptomatology.[3]

International Journal of Eating Disorders

2020
Einsatz internetbasierter Verlaufsmessung in der Psychotherapieforschung.[4]

Psychotherapeut

2019
Who says What? Content and Participation Characteristics in an Online Depression Community[5]

Journal of Affective Disorders

2019
Wissen und Einstellungen zu Essstörungen bei Jugendlichen mit türkischem Migrationshintergrund.[6]

Psychotherapeut

2018
Analyzing big data in social media: Text and network analyses of an eating disorder forum[7]

International Journal of Eating Disorders

👤 CONFERENCE POSTERS AND TALKS

06/2021
Online Eating Disorder Communities and COVID-19: Changes in Language Style and Topics at the Beginning of the Global Pandemic

52nd International Annual Meeting of the Society for Psychotherapy Research

📍 Heidelberg

Bad Influence? Themen und soziale Beeinflussungsprozesse in einem Essstörungsforum

• Kongress der Deutschen Gesellschaft für Essstörungen DGESS

03/2021

03/2019 **Any Males on here? Gender and Language in an Eating Disorder Forum**

International Conference on Eating Disorders 📍New York, USA

06/2017 **Peer-to-peer support for mental illness in social media: predictors of future engagement**

48th International Annual Meeting of the Society for Psychotherapy Research 📍Toronto, Canada

🖥 PROJECTS

redditoR: A R package to access the API of the social media website reddit.com[8]

NLP analysis of coaching reports and development of guidelines for future surveys. A project with .

projecttogether, CorrelAid e. V.

Investigation of sales figures of the restaurant Mannheimer Platte, their seasonal variation and external influences[9]

Mannheimer Platte, CorrelAid e. V.

🔗 LINKS

1: https://dx.doi.org/10.1080/09638237.2021.1979484
2: http://dx.doi.org/10.2196/28346
3: https://dx.doi.org/10.1002/eat.23266
4: https://doi.org/10.1007/s00278-020-00461-7
5: http://dx.doi.org/10.1016/j.jad.2019.11.007
6: https://doi.org/10.1007/s00278-018-0327-8
7: http://dx.doi.org/10.1002/eat.22878
8: https://github.com/jfeldhege/redditoR
9: http://dx.doi.org/10.31219/osf.io/3zsn6