

Jelena Bugarin

DATA ANALYST | MAG. PSYCH.

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I am a psychologist interested in data analysis, data science, and automation. Driven by curiosity and the need to understand how things are working, I am always ready to learn something new and switch things up in order to try and make stuff more efficient.

Experience

USP Marketing Consultancy

October 2022 - Present

DATA ANALYST

Zagreb/Rotterdam

- automation of rewriting the old house style SPSS syntax into the new house style SPSS syntax using R and regular expressions
- being responsible for the quality of the data and analysis while conducting market research
- monitoring, programming, analyzing, and reporting research data

Faculty of Transport and Traffic Sciences

November 2022 - December 2022

LECTURER

Zagreb

- giving workshops about basics of programming in R

National Center for External Evaluation of Education

March 2019 - September 2022

DATA ANALYST (FULL-TIME STUDENT CONTRACT)

Zagreb

- creating automated, personalized R Markdown reports with results of selections and standardized tests
- conducting statistical and psychometric analysis (CTT (in SPSS and R) and IRT (in PARSCALE and R))
- coordinating and controlling data entry; conducting fraud detection analysis
- writing reports, scientific research, and giving conference talks

Education

Faculty of Humanities and Social Sciences

2018 - 2022

MAG. PSYCH.

University of Zagreb

- master thesis: Mediation Role of Study-Related Flow in the Relationship between Need for Cognition and Academic Success

Faculty of Humanities and Social Sciences

2015 - 2018

BACC. PSYCH.

University of Zagreb

Volunteering

Psychology Students' Club "STUP"

October 2019 - November 2020

RESEARCH SECTION LEAD

Zagreb

- organizing and leading Section meetings
- helping colleagues in designing and conducting research
- organizing lectures about methodology and statistics

Projects

30th Summer School of Psychology

March 2020 - October 2020

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

Zagreb/Zalesina

- designing and conducting a research with student colleagues (under the supervision of university professors) about geek culture in Croatia

Case Study Competition

May 2017

ESTUDENT (L'OREAL)

Zagreb

- entered finals in the Case Study Competition for L'Oreal Dercos marketing campaign case
- conducting market research and developing a marketing plan

Certifications

Advanced SQL

KAGGLE

February 2023

Intro to SQL

KAGGLE

September 2022

Intro to Machine Learning

KAGGLE

August 2022

Data Analysis with Python

FREECODECAMP

July 2022

Scientific Computing with Python

FREECODECAMP

April 2022

Code in Place 2021

STANFORD

May 2021

Skills

Computer skills

MS OFFICE, GIT/GITHUB, REGULAR EXPRESSIONS

Programming languages

R (MARKDOWN), PYTHON, SQL

Reporting skills

DATA WRANGLING, DATA VISUALIZATION

Research skills

METHODOLOGY, STATISTICS, PSYCHOMETRICS

Publications and Conferences

1. Ćurković, N. (Ed.). (2020). *Statistička i psihometrijska analiza ispita državne mature u školskoj godini 2018./2019.* National Centre for External Evaluation of Education.
2. Ćurković, N. (Ed.). (2021). *Statistička i psihometrijska analiza ispita državne mature u školskoj godini 2019./2020.* National Centre for External Evaluation of Education.
3. Bugarin, J. (2021). *Koji si lik iz serije the good place?* [Interactive webpage]. PsihoFest, Zagreb, Croatia.
4. Ćurković, N., Mikulić, G., & Bugarin, J. (2021). *From Alpha to Omega Index: Psychometric Detection of Exam Cheating.* [Conference session]. The 25th ramiro and zoran bujas days, Zagreb, Croatia.
5. Bugarin, J., Lukačin, L., Mikulić, G., & Ćurković, N. (2021). *Samoregulacija Učenja Maturanata Za Vrijeme Nastave Na Daljinu Tijekom Socijalne Izolacije.* [Conference session]. The 25th ramiro and zoran bujas days, Zagreb, Croatia.
6. Ćurković, N. (Ed.). (2022). *Statistička i psihometrijska analiza ispita državne mature u školskoj godini 2020./2021.* National Centre for External Evaluation of Education.
7. Ćurković, N., Bugarin, J., & Lukacin, L. (2022). Psychological distress of high school graduates during social distancing in croatia. *European Journal of Mental Health*, 17(2), 20–30.
8. Ćurković, N., Bugarin, J., & Fulgosi, S. (2022). *Data Forensics or How to Watch the Assessment in the Times of Pandemic.* [Conference session]. AEA-europe 2022, Dublin, Ireland.