

# Jelena Bugarin

DATA ANALYST | MAG. PSYCH.

☎ +385 955192084 | ✉ jelenaa.bugarin@gmail.com | 📍 podatkovni-okvir

*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.*

## Education

### Faculty of Humanities and Social Sciences

MAG. PSYCH.

2018 - 2022

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

BACC. PSYCH.

2015 - 2018

University of Zagreb

## Experience

### USP Marketing Consultancy

DATA ANALYST

October 2022 - Present

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

LECTURER

November 2022 - December 2022

Zagreb

- giving workshops about basics of programming in R

### National Center for External Evaluation of Education

DATA ANALYST (FULL-TIME STUDENT CONTRACT)

March 2019 - September 2022

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

## Volunteering

### Psychology Students' Club "STUP"

RESEARCH SECTION LEAD

October 2019 - November 2020

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

FACULTY OF HUMANITIES AND SOCIAL SCIENCES

March 2020 - October 2020

Zagreb/Zalesina

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

### Case Study Competition

ESTUDENT (L'OREAL)

May 2017

Zagreb

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

## Certifications

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### Intro to SQL

KAGGLE

September 2022

### Data Analysis with Python

KAGGLE

August 2022

### Data Analysis with Python

FREECODECAMP

July 2022

### Scientific Computing with Python

FREECODECAMP

April 2022

## Skills

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### 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

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