

Jakub Ćwiąka

Data Analyst | Researcher | Data Scientist

Contact

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09/2001
[Linkedin](#)
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Skills

R, STATA, IBM SPSS

Data preparation, exploratory analysis, multivariate methods

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Data Visualization

Clear, decision-oriented reporting

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Multivariate Methods

Linear & logistic regression, factor, cluster, discriminant analysis, SEM, IRT

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MS Power BI

Interactive dashboards and business data visualization

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SQL

Basic queries and data modification

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Machine Learning

Classification and regression trees, cross-validation, grid-search

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Language

English - Proficient / C1

Polish - Native / C2

About me

I am an emerging analyst with sociological background, always striving to improve my analysis and reach the impactful insights. Combining strong analytical skills and theoretical background, I am able to conduct in-depth, complete analyses starting from data preparation, to fitting a model and visualizing the results. I approach new challenges with an open mind and excitement, as it forces me to learn and discover new solutions.

Education

Master's Degree - Data Analysis and Social Research
Jagiellonian University | 09/2023 - present

Bachelor - Sociology
Jagiellonian University | 09/2020 - 09/2023

Work experience

Mountain biking coach at Young Riders | 06.2022 - 08.2024

In that time I've turned my passion into work, and became a mountain biking coach in a local school. I am grateful for that experience, as I learned many lessons and developed my interpersonal competences. As a coach, my responsibilities were:

- Designing the training programme for several age and skill groups
- Conducting regular training session, during the week as well as on the weekends
- Maintaining contact with clients, informing about upcoming activities
- Planning the season in terms of training camps and trips
- Assisting in development and marketing of the brand.

Account Sales Executive at Decathlon | 04.2023 - 07.2023

Projects

Workshops on analyzing election polls using correspondence analysis

As a member of research section in Institute of Sociology, I designed and led a workshop, which was a part of Youth Sociology Congress. Using correspondence analysis, we showed how electorates change in time using CBOS election polls, which also include information about voter's demographics. My role was to present and explain correspondence analysis to the students, to then conduct an analysis and lead the discussion. The workshop received a very positive response and one of the highest ratings: "probably the best explanation of statistics that I had in my studies, in understandable language and with vivid examples".