Ekaterina Kulik

katkulikat@gmail.com — Telegram — GitHub

Work Experience

Research Intern at HSE University   02.2024 – present

- Coordinated a team of 15 people for a project analyzing the impact of COVID-19 on Russian citizens. Developed timelines, assigned tasks, and ensured key milestones were met.
- Conducted literature reviews and applied a panel regression model in an experimental framework to study institutional trust, identifying key factors influencing trust in political and social institutions.
- Analyzed theoretical confirmation and disconfirmation of legal theory as a quantitative variable using statistical methods and logistic regression.

Research Intern at RPORC   04.2024 – 08.2024

- Designed the methodology for a new research project on measuring citizens' values, including survey design and sampling.
- Developed a detailed plan for a commercial research project, defining objectives and key implementation stages.

Business Analyst at OSG   07.2024 – present

- Analyzed and documented existing business processes (as-is), identifying bottlenecks and data collection points.
- Developed a performance metric that increased team efficiency by 30
- Proposed and implemented process changes that automated data collection and improved real-time monitoring.
- Designed interfaces to facilitate the automation of data collection and process monitoring.
- Managed 3+ projects independently, including developing analytical solutions and ensuring timely delivery.
- Built an analytical model to predict process disruptions using historical data.

Academic Editor at HSE University   09.2024 – present

- Wrote and edited news articles for the university's official page, highlighting scientific events and achievements.
- Improved the design and structure of the webpage, enhancing usability and visual appeal.

Skills

- **Programming and Tools:** Python, Git, SQL, LaTeX, Jupyter Notebooks, Power BI, Excel (Advanced), Figma/Miro, Notion/Trello/Jira
- **Data Science and Analytics:** Probability Theory, Mathematical Statistics, Linear Algebra, Machine Learning, Deep Learning, A/B Testing, Data Preprocessing, Feature Engineering, Data Visualization, NLP, CV, Recommender Systems, Clustering and Dimensionality Reduction, Model Evaluation and Tuning
- **Languages:** Russian (Native), English (C1), French (B1)

Education

Higher School of Economics (HSE), Moscow, Russia   2022 - 2026
BSc in Political Science, Major in Data Analysis and Political Research