

Ksenia Lapshina

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EDUCATION

- 2019 – 2023 **BA in Sociology, Faculty of Social Sciences.** GPA: 8.98 / 10
National Research University Higher School of Economics, Moscow, Russia
- 2020 – 2022 **Minor in Machine Learning & Data Analysis**
Faculty of Computer Science, NRU HSE

CONTINUING EDUCATION

- 2018 **VII Summer School for Anti-Corruption Policy**
Final project on regional electoral corruption index in Russia under the supervision of Julian Balandin.
Laboratory for Anti-Corruption Policy, NRU HSE, Moscow.
- 2019 **Data Analysis in Social Sciences and Humanities Course**
within “Summer School – 2019”, starting program on R and RStudio.
- 2021 **Deep Learning School, MIPT University**
1st semester completed with a III-degree diploma.
- 2021 **IPSA–HSE Summer School for Methods of Political and Social Research**
Course on Bayesian Statistics. Instructor: Boris Sokolov.

WORK // RESEARCH

TEACHING ASSISTANCE

- 2021 **Probability Theory and Mathematical Statistics**, 1st year Sociology bachelor program, HSE.
- 2022 **Machine Learning: Basic Concepts**, Intelligent Data Analysis minor, HSE.
- 2022 **Introduction to Machine Learning**, 3rd year Business Informatics bachelor program, HSE.
- 2022 **Introduction to Deep Learning**, Intelligent Data Analysis minor, HSE.
- 2022 **Machine Learning**, 3rd / 4th year Economics bachelor program, HSE.

PROJECTS

- 2018 – 2020 **Vysokovsky Graduate School of Urbanism (HSE) research projects**
Urban Vernacular Areas in Moscow (supervisor: Kirill Puzanov).
Spatial isolation and the formation of local identity of residents of the Matveevskoye district in Moscow (supervisor: Ivan Mitin).
Housing Management: Formats and Practices (supervisors: Marianna Shkurko and Daria Volkova).
- 2021 **Computational Methods for Analyzing the Effectiveness of Corporate and Public Administration**, research project under the supervision of Grigoriy Khvatskiy.

2021 – 2022 **Krasnodar. How Is Citizens' Health Related to Environmental Factors?**
Moscow Urban Forum & HSE Research Expedition on Urban Health.

TERM PAPERS

2021 **Collective Management of Common Property in an Apartment Building: What Affects the Residents' Involvement?**
Advisor: Anna Strelnikova. Grade: 9/10.

2022 **Emotional labor as an element of the professional identity of flight attendants.**
Advisor: Olga Simonova. Grade: 9/10.

CONFERENCES

2021 **Young Researchers Conference «Social Sciences Alliance»,** NRU HSE
Collective Management of Common Property in an Apartment Building:
What Affects the Residents' Involvement?

2022 **XXIII Yasin International Academic Conference on Economic and Social Development,** NRU HSE
Health of Krasnodar. How do factors and the quality of the urban
environment affect the well-being of citizens?

ACHIEVEMENTS

2022 **Bronze Medalist of the All-Russian student Olympiad "I am a Professional",** Sociology Bachelor track.

EXTRACURRICULARS

2017 – 2019 **Volunteer at Best Buddies HSE,** student division of an international inclusive organization for people with intellectual and developmental disabilities.
Events support and organization, promotion responsibilities.

since 2022 **Deputy Head at HSE Student Council Committee for Digitalization,**
head of the analytics team.
Managing committee data analysis and research projects, analytical expertise for other Student Council committees.

TECHNICAL SKILLS

Programming Python: algorithms and data structures, NumPy, Pandas, Matplotlib, Seaborn, web scraping, scikit-learn, PyTorch, time series.

Statistical software SPSS: key statistical tests (parametric / non-parametric), linear / logistic regression models, factor and cluster analysis, multidimensional scaling.
R: key statistical tests, linear models, Bayesian statistics, visualization, social network analysis (sna, network, igraph).

Research skills Survey data collection, in-depth interviews, content analysis, textual data collection and preparation, full-cycle research, methods for quantitative and qualitative data analysis, academic writing.

Languages Russian: native
English: C2 (IELTS overall band score: 8.5)

Other MS Office including Excel and PowerPoint