

# Ilia Kabanov

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## DESIRED POSITION

**Data Scientist**

## EDUCATION

**Lomonosov Moscow State University, Russia** 2021 - 2025 (expected)  
Bachelors of Economics, Group of Advanced Academic Studies GPA: 5.0/5.0

## SKILLS

**Programming languages:** Python (numpy, pandas, matplotlib), R  
**Programming skills:** Data Cleaning (lemmatization, correction), Text Analysis (NLP word embedding: word2vec, tf-idf, encodings), Machine Learning (sklearn), Deep Learning, Statistical Analysis, Econometric Analysis, Network Analysis  
**Miscellaneous:** Latex (using Overleaf), HTML, Markdown  
**Languages:** Russian (native), English (Advanced)

## PROJECTS

**Text Semantic Prediction** October 2023  
• Machine Learning Classification models [github repo](#)  
• NLP methods

**Insurance Payments Predictions** October 2023  
• Machine Learning Regression models [github repo](#)

**Adherence to the Taylor Rule and Monetary Policy Expectations** May 2023  
• Data Collection [github repo](#)  
• Econometric Analysis  
• Macroeconomic models

**Stationarity tests for Time Series with a small sample size** February 2023 - May 2023  
• Statistical Analysis (Bootstrap methods) [github repo](#)  
• Econometric Analysis

## RELEVANT COURSEWORK

**Passed:** Mathematical Analysis, Linear Algebra, Probability Theory, Microeconomics (I and II), Higher Mathematics (Mathematical Analysis II and Linear Algebra II), Mathematical Statistics, Differential Equations, Macroeconomics (I and II), Econometrics (I and II), Operations Research (I and II), Data Analysis with Python, Machine Learning, Finance, Game Theory, Statistical Machine Learning (Barcelona School of Economics)  
**Ongoing:** Blockchain and DeFi intro, Financial Mathematics intro, Industrial Economics, Accounting, Stochastic processes

## TEACHING EXPERIENCE

**TA, Advanced Mathematics** Teaching Assistant at Lomonosov Moscow State University Present

## ACADEMIC ACHIEVEMENTS

**Faculty Grant Winner** Faculty Grant for Summer School in Barcelona School of Economics 2023

## SPORT ACHIEVEMENTS

**Medalist (In teams)** European Boys' Team Golf Championship, Div.2 2019  
**Medalist (single)** Russian Golf Cup 2018  
**Medalist (single)** Russian Boys Championship U16 2018-2019