

Aleksandra Selezneva

DATA SCIENTIST / DATA ANALYST

Profile

Data scientist with economics background and 2 years of experience in fintech inspired by challenges, sports, traveling and becoming the best version of myself. I believe that the data tells its' stories itself, we only need to listen carefully to it.

Place of residence/work permit: Netherlands. Open to Relocation.

Employment History

Junior Data Scientist, Lime Credit Group, Russia

SEPTEMBER 2021 — PRESENT

- Advanced a credit scoring model by testing a hypothesis, finding a new dependence and dividing the model in two, as a result, the profitability was increased by 1.5% without any losses;
- Designed an antifraud model training on strong imbalance data with clustering and autoencoders;
- Developed a clustering model training on economic and social factors which is implemented in collection scoring;
- Created visualizations and statistical analysis to prove product hypotheses and identify new dependencies.

Libs: sklearn, catboost, lightgbm, xgboost, shap, boruta, umap, psycopg2

Intern Data Scientist , Center of Financial Technologies, Russia

SEPTEMBER 2020 — JUNE 2021

- Developed an MVP for a NPL model predicting the sentiment of text and audio reviews on banks and mobile operators;
- Responsible for predicting nationality using CNN and RNN in developing a model predicting nationality and gender by full name.

Libs: sklearn, keras, torch, gensim, kaldivosk, pymorphy2, flask

Education

Data Science, Yandex School of Data Analysis (ex Computer Science Center) - Yandex & JetBrains joint program, Russia

SEPTEMBER 2020 — JUNE 2024

Analog to Master's degree. Expected to graduate in 2024. Relevant coursework: Algorithms and Data Structures, Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Reinforcement Learning.

BSc Economics, Novosibirsk State University, Russia

SEPTEMBER 2016 — JUNE 2020

Successfully defended Bachelor Thesis with focus on Workforce productivity in Russian regions and industries. Participated in case competitions. Volunteered as a Math teacher in NSU Summer School.

Details

Amsterdam

Netherlands

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a.selezneva@hotmail.com

Links

[GitHub](#)

[LinkedIn](#)

Skills

Python, R, SQL

PyCharm, Jupyter Notebook

Linux, Git, Docker, DVC

Jira, Confluence

Data Processing and Analytics
(numpy, pandas, scipy)

Data Visualization (seaborn,
matplotlib, dash, plotly)

Credit Scoring

A/B testing

Math Statistics, Probability
Theory, Econometrics (with
Time Series and Panel Data)

Languages

English - Full Professional

Russian - Native