Lyara Maksim

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EDUCATION

The Presidential Academy, RANEPA, undergraduate degree — 2nd year
Institute of Economics, Mathematics and Information Technology.
Educational program "Digital Economy". GPA: 4.4/5.0

SKILLS

Hard skills	Python (data analysis, ML), SQL, MS Excel, MS PowerPoint, R language, ClickHouse; knowledge of Linear Algebra, Probability Theory, Mathematical Statistics
Soft skills	I learn new tools for work with ease and interest. Developed the skill of empathy. Sociable. Developed the skill of business writing.

PROJECTS

Social media chatbot for a group of RANEPA applicants — Summer 2023 - Link

A VKontakte (social media) chatbot that provides applicants of the RANEPA Economics Department with information about educational programs, visualization of the competitive situation, prediction of the score which applicants can enter the program with. The competitive lists of university applicants are automatically downloaded from the RANEPA website using scrapping (parsing) and processed. In the final version (unpublished), the applicant has the opportunity to ask a question, the error notification system is configured, the code is optimized, new functions are added.

Forecasting the growth of deposits of individuals - case — Summer 2023 - Link

Case assignment for the position of Junior Data Scientist on forecasting the growth of deposits of individuals, performed using various machine learning libraries.

Forecasting the score for the macroeconomics exam — Spring 2023 - Link

Analysis of test scores, microeconomics credit, as well as prediction of credit scores using the Catboost machine learning library.

Forecasting product demand using machine learning — Winter 2022 - Link

Used a Prophet - a machine learning library for time series analysis and gathering, treating information from Google Trends and Yandex Wordstat, predicted and visualized estimated number of search queries for the following year on a certain Google/Yandex request. This data can be used to predict the demand for a product.

PROFESSIONAL INTERESTS

Research in the field of product analysis
Data analysis and Machine learning