

Lyara Maxim

 maxlyara1 |  @maxlyara1 |  maks.lyara@gmail.com |  +7 (911) 960 08 66

SKILLS

Python (pandas, numpy, seaborn, matplotlib, statsmodels, sklearn, Catboost and other ML libraries),
SQL (Aggregate and window functions, nested queries, CTE);
MS Excel (VPR, complex formulas, pivot tables);
R programming language;
ClickHouse;
Knowledge of Linear algebra, Probability theory, Mathematical statistics, Econometrics;
Ability to conduct A/B tests, knowledge of product metrics;
Understanding how data can be used to achieve certain business goals;
English - Upper-Intermediate (B2).

3 MONTHS WORK EXPERIENCE (RELEVANT)

Analyst of the RANEPA Admissions Committee

June 2023 - September 2023

- Competitive situation analysis using Excel, Python
- Creating a chatbot in the VKontakte group for applicants, using the Python - VK Api

PROJECTS

VKontakte chatbot for a group of RANEPA applicants

Summer 2023 - [Link](#)

The VKontakte chatbot (Python+VK Api) provides applicants of the RANEPA Economics Department with information about educational programs, visualization of the competitive situation, prediction of the score with which applicants can enter the program. 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 In the final version (unpublished), the applicant has the opportunity to ask a question, the notification system for these questions and errors is configured, the code is optimized, new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 predicting the growth of deposits of individuals, performed using various machine learning libraries (Catboost, randomForest, LinearRegression, Prophet), working with time series, EDA.

Forecasting the assessment for the microeconomics credit

Spring 2023 - [Link](#)

Analysis of grades for control papers, microeconomics credit, as well as forecasting grades for credit using the Catboost machine learning library. The forecast turned out to be extremely accurate: MAE 0.4 on a 10-point scale.

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.

EDUCATION

RANEPA under the President of the Russian Federation, bachelor's degree

3rd year

Institute of Economics, Mathematics and Information Technology. Department of Economics.

Educational program "Digital Economy". GPA: 4.4/5.0