

MATVEY MAYOROV

Data Scientist

mmat9@me.com | +79035318490 | LinkedIn

PROFESSIONAL SUMMARY

Business-minded Data Scientist with extensive experience utilizing data-driven solutions to increase efficiency, accuracy and utility of internal data processing. Track record of delivering high-quality insights and implementing action-oriented solutions to complex business problems. Hardworking professional and proactive facilitator with advanced leadership skills. Master's degree in Mathematics and Mechanics.

SKILLS

Data Visualization | Machine Learning | Deep Learning | Pattern Recognition | Predictive Modeling | Statistical Analysis | A/B Testing Data | Preparation and Analysis | Data Management | Data Mining | Probability and Statistics | SQL | Python | PySpark | Apache Spark | R Programming | C/C++ | Catboost | Pytorch/Tensorflow | Django | Qlik sense | Oracle | Hadoop | HTML | CSS | JavaScript | Advanced Microsoft Excel | Microsoft Office | Strong Analytical Skills | Leadership Skills | Project Management

EXPERIENCE

Otkrtitie Bank – Data Scientist, SME Risk Assessment

Aug 2021 – Present

- Developing a probability of default model for small and medium enterprises (SME) using gradient tree boosting, resulting in an increase of GINI Index by up to 18%.
- Building a probability of default model using the stacking method and performing analytics to determine the best vendors.
- Initiating solutions with gradient boosting models in order to provide better accuracy and move from logistic regression models.
- Leveraging data science to create action plans to mitigate risk in decision making while increasing profitability.

Sberbank – Data Analyst, Strategy and Development

Dec 2018 – Jan 2020

- Developed a database from scratch to deploy a workforce planning prediction on a newly created platform; performed calculations that served as a foundation for the database.
- Optimized seating arrangements for 20,000 on-site employees using a coupling matrix and delivered the solution within 2 hours instead of the estimated 2 weeks.
- Built predictive models using various machine learning tools to predict the percent of bank employees who will be replaced by AI by 2030.
- Analyzed cross-business-unit collaboration, resulting in valuable insights that led to tech support unit reorganization to maximize productivity.
- Collaborated closely with analysts, developers, and business units to address specific business issues.
- Created data-driven reports aiding budget planning and presented insights to bank top management.
- Mentored and trained junior data analysts; led communication with developers.

EDUCATION

Master's Degree in Mathematics and Mechanics

Moscow State University (MSU), Moscow, Russia. Full Scholarship. GPA - 4.3/5.0
Key coursework: Statistics, Probability theory, Linear algebra, Numerical analysis.

CERTIFICATIONS

Machine Learning. Coursera, Yandex. School of Data Analysis.
Python Developer. Yandex Practicum.
Django Developer. Yandex Practicum.

PUBLIC SPEAKING

National Academic Conference Spring-2021. Invited to present a thesis on ODE neural networks.

Languages: English, Russian