

Roman Fedoseev

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Education

Russian Academy of National Economy and Public Administration

Moscow, Russia

Bachelor's degree, "Digital Economy", EMIT Institute

2022 - Present time

- **Relevant Courses:** Data Analysis in Python, Machine Learning, Econometrics, SQL databases, Probability Theory, Mathematical Statistics, Linear Algebra, Optimization methods, etc
- **Research:** Forecasting stock market volatility using ML and DL methods, Determinants of investment activity in the Russian Federation
- **Additional Courses:** Deep Learning School (semester 1), Open Data Science - Classic ML models, DataCamp: Data Manipulation with pandas, Joining Data with pandas, Intermediate Python, etc

MTS Theta School of Data Analysts

Moscow, Russia

Advanced training course

2024 - Present time

- An annual educational program for 50 participants dedicated to the study of mathematics, programming, machine learning and neural networks with an emphasis on practical application in real-world problems.

Experience

Alfa-Bank

Moscow, Russia

Process Data Analyst | Python, Proceset, ClickHouse, Excel

July 2024 - Present time

- **Business process research:** Using Process Mining technology, I analyzed two business processes: cash loan issuance and debit card issuance. I extracted data, built dashboards, formulated hypotheses, and highlighted process inefficiencies. As a result, the process duration was reduced, and conversion rates improved.
- **Automation potential calculation:** Implemented the calculation of an internal metric for the bank's departments by writing algorithms in Python (including Pandas and Numpy), which saved approximately 20 man-hours per month.
- **Analysis of working hours:** I identified inefficiencies in the work of premium client support staff, proposed ideas for automating certain operations, which led to improved workflow efficiency.

Skills

- **Programming Languages:** Python, R
- **Data workflow tools:** PostgreSQL / ClickHouse, Pandas, NumPy, Scipy, Excel, Microsoft PowerBI
- **ML/DL:** Scikit-learn, CatBoost, XGBoost, LightGBM, PyTorch
- **Visualization:** Matplotlib, Seaborn, Plotly, Bokeh, GeoPandas, PowerPoint, Figma, graphviz
- **Tools:** Superset, Proceset, PL/SQL Developer, Jupyter Notebook/Lab, Colab, VS code, RStudio
- **Extra:** A/B testing, ELT, Confluence, Microfost Visio, LaTeX, Microsoft Word, Agile/Scrum
- **Languages:** Russian (native), English (B1)

Activities

- **Digital Breakthrough:** Participation in the hackathon in the Analysis of webinar reviews case during which our team created a model classifying reviews, a telegram-bot and a web-service. [Watch solution...](#)
- **FU Case Club and S+Consulting:** Participation in the case championship during which our team proposed a strategy for the consulting firm's entry into the international market. [Watch solution...](#)