

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

Experience

Alfa-Bank

Moscow, Russia

Process Data Analyst | Python, Proceset, ClickHouse, Excel

July 2024 - Present time

- **Business process research:** Implemented and automated the ELT process for two business workflows: cash loan issuance and debit card application through online forms. Built dashboards, proposed, and validated hypotheses regarding inefficiencies in certain process stages, which helped reduce customer churn, increase the number of applications, and boost the bank's net profit.
- **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.
- **Knowledge base creation:** developed a knowledge base on process analytics in Confluence to enhance the training of analysts for solving process analytics tasks more efficiently.

Skills

- **Programming Languages:** Python (include OOP), R
- **Data workflow tools:** PostgreSQL / ClickHouse (include window functions), Pandas, NumPy, Excel (include VLOOKUP, pivot tables, dashboards), Microsoft PowerBI, re
- **ML/DL:** Scikit-learn, CatBoost, XGBoost, PyTorch
- **Visualization:** Matplotlib, Seaborn, Plotly, Bokeh, GeoPandas, PowerPoint, Figma
- **Tools:** Superset, Proceset, PL/SQL Developer, Jupyter Notebook/Lab, Google Colaboratory
- **Extra:** A/B testing, ELT, Confluence, 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...](#)
- **Kaggle: Will the subscriber go into outflow?** Using various machine learning methods to solve the problem of predicting user churn. [Watch solution...](#)