

# Roman Fedoseev

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## Education

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### 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 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

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### Alfa-Bank

Moscow, Russia

*Process Data Analyst | Python, Proceset, ClickHouse, Excel*

*July 2024 - April 2025*

- **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

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

## Activities

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- **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...](#)