

Karimova Svetlana

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WORK EXPERIENCE

PJSC SBER

Data Scientist, Treasury Department

Moscow, Russia

2023, January - Now

- **LLM Integration:**
 - Integrated LLM model for transfer rate recommendations, reducing decision-making time by 15% at the management level. Conducted comprehensive testing, including zero-shot and multiple-shot prompting, with final decision to train adapters using LORA
- **Specialized Machine Learning Models:**
 - Engineered and deployed custom machine-learning models, resulting in a 15% accuracy improvement and a 20% increase in client satisfaction, particularly within large legal entities.
- **A/B testing and Financial Impact:**
 - Conducted Python-based A/B testing, resulting in a significant financial impact of 200 million rubles (\$2.2 million). Rigorously analyzed and validated statistical significance, showcasing the model's profitability and effectiveness.
 - Validated a 12% increase in ROI through a matching approach, optimizing loan pricing. Acquired advanced training in "Financial Assessment of AI Initiatives"
- **Open-Source Contribution:**
 - Contributed to the HypEx Matching and AB-testing library, enhancing control and test group dynamics for a 20% efficiency boost. Evaluated options and conducted quality comparisons, leading to a 30% reduction in bug resolution time.
- **Reinforcement Learning Lecture:**
 - Designed a managerial lecture on "Reinforcement Learning in Recommendation Systems" emphasizing practical insights and real-world implications for decision-making.

PJSC SBER

Agile-consultant, Agile-transformation office

Moscow, Russia

2021, April – 2023, January

- Developed a metrics system for products, reducing goal-setting period from 5 to 2 working days including the creation of prototypes, design, conducting cast dev interviews, and piloting.
- Generating divisional performance reports presented through presentations to the company's vice-president, which allowed to save budget by eliminating duplication of functionality and products irrelevants
- Collaborating on the enhancement and adaptation of Agile methodologies in teams, focusing on over 30 products.

HBC Coca-Cola Company

Analyst assistant, E-commerce department

Moscow, Russia

2019, June – August

- Conducted analytics in Excel and visually represented all products and brands for successful online platform promotion, contributing to over a 30% increase in company revenue. Additionally, created and analyzed databases, generating reports in PowerBI format.

SKILLS

- Python (NumPy, Pandas, Scikit-learn, SHAP, FastAPI, PyTorch, PyMorphy)
- SQL (MySQL, postgres), PySpark
- Git
- Machine and deep learning
- Statistical analysis, Customer segmentation, Price optimization, Price elasticity detection

EDUCATION

Higher School of Economics

Master of Science in Computer Science, Financial Technologies and Data Science, GPA 4.57/5

Moscow, Russia

Expected 2024

Bachelor of Science in Economics, Economics and Statistics, GPA 7/10

2018-2022

LEADERSHIP EXPERIENCE

Case championship HSE Case School "Digitalization of education"

Co-organizer

Moscow, Russia

2020, October – December

- High-impact team leadership: guided a 5-member helpdesk team, and perform collaborative analysis of 279 solutions