Ilia Voltov

Data Analyst

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EDUCATION

master

Saint-Petersburg State University of Economics, Saint-Petersburg

Thesis: "Economic and statistical analysis of energy efficiency in the regions of the Russian Federation"
2008 - 2013

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PhD of economics

Peter the Great Saint-Petersburg Polytechnic University, Saint-Petersburg

Research topic: "Data Mining for the Probability Prediction of the Power Grid Facilities Outages"

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constantly take courses on stepik.org and kaggle.com

SKILLS

- Python (Pandas, Numpy, Plotly, Matplotlib)

- Plotly/Dash

- Jupyter; Google Colab

- PostgreSQL; ClickHouse

- Power BI; QlikView

- English - B2

PROFESSIONAL SUMMARY

Highly motivated and responsible professional with 10 years of experience in data analysis. Constantly staying on top of data science trends and techniques.
Now I'm looking for a new challenge for myself - as working with data is my passion and I want to keep improving.

WORK EXPERIENCE

Freelance Data Analyst   01.2023 - 01.2024

GB Consult (developing data-driven solutions), Munich, remote

Responsibilities:
- Identify the business question (negotiations with customers)
- Collect, clean and analyze the data (development of hypotheses and models)
- Development of analytical reports based on the developed models

Achievements:
     Development of several models for predicting the buying of insurance policies

Head of Software Development   2018 - 01.2023

PJSC "Federal Testing Center" (PJSC ROSSETI - the largest electric power company in Russia), hybrid

Responsibilities:
- Managing and mentoring a team of 10 developers and analysts
- Applying Agile (scrum/kanban)
- Creating roadmaps and user-stories for the projects
- Developing systems and algorithms to efficiently export data and present it to stakeholders

Achievements:
     "Information system for determining imbalances in the distribution network, their interpretation and calculation of a probabilistic model of unaccounted or non-contractual consumption of electric energy (ISON)"
forecasting system, machine learning algorithms (patent number 2021662181)
position: leader of the project
developed and implemented machine learning models

Data Analyst   2014 - 2018

PJSC "Rosseti Lenergo" (PJSC ROSSETI - the largest electric power company in Russia), on-site

Responsibilities:
- Analyzed data independently to deliver insights about operational performance and proactively drove improvements
- Effectively planned and collaborated with a large team on data driven initiatives to solve complex operational problems
- Developed statistical techniques and used machine learning to solve problems
- Created end-to-end data pipeline from data warehouse to BI report

Achievements:
     Business intelligence systems based on Power BI
analytics, building dashboards
position: analyst, programmer
developed and implemented analytical dashboards (interactive reports)