Aliaksandr Kazlou

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SKILLS

Things I use or am good at:
- Supervising Data Science related tasks, business communication, causal inference, experimental design, applied statistics on observational data, data visualization, regressions, xgboost, Random Forest, R, basic SQL

Things I don't use often but have some idea how to:
- Interviewing candidates, clustering algorithms, dimension reduction/embedding techniques, KNN, Neural Networks (CNN/LSTM), advanced SQL, Python, Keras, SPSS Modeler Tableau, LaTeX

WRITING

Medium: https://towardsdatascience.com/@aliaksandrkazlou

Blog: https://aliaksandrkazlou.github.io/

WORK EXPERIENCE

A1 Belarus, Minsk, Belarus   Mar 2017 – Until now
Lead Data Scientist
- Won a machine learning competition hosted by Telekom Austria Group against internal teams from 7 countries and 3 external vendors.
- Built and implemented telecom-based credit scoring models for four Belarusian commercial banks monetizing telecom data. Communicated with clients regarding results, validation metrics, models robustness, and other specifics
- Carried out a pilot on a telecom-based predictive model for an e-commerce company. The model effectively predicts propensity to buy in a specific category (electronics, for kids, etc.)
- Designed a machine learning model reducing noise in customer data (e.g. incorrect age) based on geo-mobility patterns and other non-demographic characteristics
- Initiated a project on causal inference for CRM analytics. Architected and implemented a causal inference model built on a combination of propensity score estimates, matching, and double-robust estimates. Wrote a theoretical overview and a practical implementation guide for other members of Telekom Austria Group
- Led a project on geospatial statistics for Telekom Austria Group. Created and implemented an analytical pipeline resulting in a new set of geo-oriented reports. Organized a cross-departmental team and mentored several projects centered around the implemented pipeline. Participated in developing of a new impact evaluation technique combining autoregressive forecasting and between-region comparison. Communicated results to Telekom Austria Group CEOs
- Mentored a data science hackathon urlhttps://imaguru.by/event/imaguru-datathon/

Belarusian Institute For Strategis Studies, Minsk, Belarus   Jul 2016 – Mar 2017
Analyst
- Built a synthetic control model to analyze the cumulative impact of Belarus' High Technologies Park on high-tech export
- Participated in development of a survey-based index of economic reforms in Belarus
- Provided a technical support for all research with quantitative data (data cleaning and analysis, visualization, etc.)

Belarusian Institute For Strategis Studies, Minsk, Belarus   Dec 2013 – Aug 2015
Junior Analyst
- Gathered and coded primary data
- Participated in preparation of quarterly monitoring reports

EDUCATION

Central European University, Budapest, Hungary

MA in Social sciences research methodology (with distinction)   Sep 2015 – Jun 2016
- Cumulative GPA: 3.7 / 4

European Humanities University, Vilnius, Lithuania

BA in Political Science   Oct 2011 – Jul 2015
- GPA: 9.42 / 10

LANGUAGES

Belarusian: Native language
English: Advanced
Russian: Fluent
Ukrainian: Fluent (reading), Advanced (speaking), Basic (writing)
Lithuanian: Basic
German: Basic