Kapa Kudaibergenov

Data Scientist

Contact

Facebook LinkedIn E-mail

Technical skills

Python (supervised ML, data visualization)	- proficient
Linux	- proficient
Git	- proficient
Power BI	- good
SQL	- good
C++	- good
AWS	- familiar
JavaScript	- familiar
R	- familiar

Other Skills

Classical machine learning methods
Supervised: regressions, trees, random forests, XGBoost with various loss functions and targets
Clustering: K-means, hierarchical
Neural Networks
Good understanding of CNN, RNN, LSTM, GAN, autoencoders

Courses

Intro to Machine Learning - Coursera
Introduction to Deep Learning - MIT 6.S191
Inferential Statistics - Udemy
Intermediate Machine Learning, Natural Language Processing, Data Visualization and Intro to SQL, Xgboost shap values – all Kaggle

Languages

English – proficient
Czech – good working knowledge
Russian – native
French – working knowledge
Kazakh – native

Profile

I am a responsible, organized person, and a fast learner. I have learnt a broad set of machine learning methods, tools and languages and applied some of them in projects (hospital patients' study, Linear Dynamical Systems library, Online gaming predictions). I would like to work on larger projects where I could use more of the tools that I know but also get opportunity to learn new ones.

My coding snippets

- Web-scraping of Oscar movies data from Wikipedia
- The Metropolitan Museum of Art plotnine visualization

Work Experience

2019 – 2020

***Assistant Engineer,* FEL, CZECH TECHNICAL UNIVERSITY, Prague, Czech Republic**

- The challenging project on carefully structuring the observed data on patients' diseases.

Technical projects

JANUARY 2021 – SEPTEMBER 2021

***A LIBRARY FOR ON-LINE (IMPROPER) LEARNING OF LINEAR DYNAMICAL SYSTEMS*, Github, Prague, Czech Republic**

- Python open-source library uses several methods for estimating the future outputs of an unknown Linear Dynamical System based on previous data.

.

SPRING 2021

PREDICTION OF WINNER IN ONLINE GAME DOTA 2,

- Prediction of the winner based on historical data.
- Used Logistic regression and Gradient boosting.

Education

2017 – 2021

CZECH TECHNICAL UNIVERSITY, Prague, Czech Republic

Bc. in Electrical Engineering and Computer Science
Coursework examples - undergraduate:

- Pattern recognition and Machine learning
- Cybernetics and Artificial intelligence
- Programming Algorithms
- Probability and Statistics
- Signal Theory
- Fundamentals of Git