Joomart Achekeev
Data Scientist

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Inquisitive and result-oriented Data Scientist, with 5+ years of experience and international certification in project management. My approach is based on breaking down the problem into small, easily solvable, parts and tackling them one by one. I seek to continuously develop my skills, expand my knowledge and embrace the world as my data.

Skills

Python: General programming, OOP concepts, NumPy, pandas, scikit-learn, Matplotlib, seaborn, Beautiful Soup, NLTK, TensorFlow/keras, data mining,

Web: HTML, JSON, Django basics, Streamlit basics

SQL: PostgreSQL intermediate

Cloud Computing: AWS basics, Google Cloud basics

Visualization: Tableau basic

Human skills: Strong achiever, creative, excellent individual and teamwork performer, great multicultural team fit

Relevant Experience

Online Data Science Immersive Fellow, General Assembly, NY, United States, Oct 2021 – Jan 2022

- Completed 3 individual and 2 team projects with use of various machine learning models.
  - Built linear regression model (Ames housing dataset) with 89.43% of results explained by model that uses, interaction columns and dummified data on top of basic numeric data
  - Web scraped data and tuned NLP classification modeling (Data Mining Reddit data) with initial scrape of 78 subreddits with 2000 posts deep each and 62.3% accuracy for the top performing model (DecisionTreeClassifier, K Nearest Neighbors, Bagging and Stacking models)
  - Team Hackathon - Developed Decision Tree models (Population Data) with top performing model having 84.6% accuracy on unseen data, models built include AdaBoostClassifier, DecisionTreeClassifier, ExtraTreesClassifier
  - Team project - Built stacking linear regression and neural network model (Unemployment related data, collected from various official sources) with final cross validation score of 92.1%
  - Created NLP extraction of additional review dimensions (Big Data, Yelp academic dataset ~ 7Gb) similar to manual 'Sentiment' analysis on the basis of keywords to extract information on restaurant review dimensions (such as food and service quality) and BERT modeling

Backend Web Development Fellow, Makers Coding Bootcamp, Bishkek, Kyrgyzstan, Apr 2021 – Jul 2021

- Among top 3 performers out of 30 web developers at each weekly checkpoint
- Completed projects:
  - Created web scraping data application (with multiprocessing) with hard scrapping a car buy/sell website for all information on available stock with export to JSON file
  - Set up a small local relational database (3 tables) with PostgreSQL in Linux environment

Data Manager, School of Data Kyrgyzstan, Bishkek, Kyrgyzstan, Sep 2018 – Oct 2019

- Main point of data on all the projects implemented in the organization
- Responsible for data mining, data cleaning, data processing, and data access for team members
- Managing data on various topics from pastureland size to government purchases history

Education

General Assembly, United States
Data Science Immersive Graduate (Certification)
Makers Bootcamp, Bishkek, Kyrgyzstan
Backend Web Development Bootcamp Fellow
OSCE Academy, Bishkek, Kyrgyzstan
Master of Arts of Economics (Diploma in Economic Governance and Development)
American University in Central Asia, Bishkek, Kyrgyzstan
Bachelor of Business Administration (Diploma in Marketing and Management)

Certification

Project Management Level-C Certificate from International Project Management Association (#LATV-C0155) - 2020