

## **Joomart Achekeev**

### **Data Scientist**

joomart.achekeev@gmail.com | (609) 721-8270 | Plainsboro, New Jersey  
linkedin.com/in/joomart-achekeev/ | github.com/jomadata | jomadata.github.io

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

**Web:** HTML, JSON, Django basics, Streamlit basics

**SQL:** PostgreSQL intermediate

**Cloud Computing:** Amazon Web Services basics, Google Cloud basics

**Visualization:** Tableau basic

**Human skills:** Goal-oriented, fast learner, excellent individual and teamwork performer

### **Relevant Experience**

**Online Data Science Immersive Fellow, General Assembly, NY, United States, 10.2021 – 02.2022**

- Completed 3 individual and 2 team projects with use of various machine learning models.
  - [Linear Regression Modeling](#) (Ames housing dataset):
    - 89.43% of results explained by model that uses, interaction columns and dummified data on top of basic numeric data
  - [Web Scraping and NLP classification](#) (Reddit scraped data)
    - Initial scrape of 78 subreddits with 2000 posts deep each; 62.3% accuracy for the top performing model (DecisionTreeClassifier, K Nearest Neighbors, Bagging and Stacking models)
  - Team - Hackathon with Decision Trees (Population Data)
    - Top performing model has 84.6% accuracy, models built are AdaBoostClassifier, DecisionTreeClassifier, ExtraTreesClassifier
  - Team - [Stacking with linear regression and neural network](#) (Unemployment related data, collected from various official sources)
    - Built stacking model with Neural networks and linear regression with final cross validation score of 92.1%
  - Capstone - [NLP extraction of additional review dimensions](#) (yelp academic dataset)
    - ‘Sentiment’ analysis on the basis of keywords to extract information on restaurant review dimensions and BERT modelling

**Backend Web Development Fellow, Makers Coding Bootcamp, Bishkek, Kyrgyzstan, 04.2021 – 07.2021**

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

**Program Coordinator, Soros Foundation Kyrgyzstan, Bishkek, Kyrgyzstan, 09.2019 – 04.2021**

- Managed 135,000 USD/year program
- Organized 10+ in city and out of city events with up to 15+ participants each per year

**Senior Programme Assistant (Acting Project Manager), OSCE Programme Office in Bishkek, Bishkek, Kyrgyzstan, 05.2015 – 09.2018**

- Managed 180,000 EURO/year project
- Organized 1 large scale event involving up to 500 people, 5 middle level events involving up to 50 people, and numerous small-scale events, involving 3-10 people per year

### **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 Specialization)

**American University in Central Asia, Bishkek, Kyrgyzstan**

Bachelor of Business Administration (Diploma in Marketing and Management Specialization)

### **Certification**

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