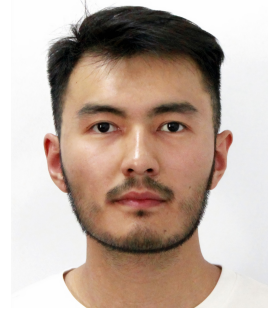


# Beksultan Tuleev — Data Scientist

Schnorr-von-Carolsfeld-Straße 5, 81927, München – Germany

+44 7426465448 • kazamabeks@gmail.com • beksultantuleev.github.io

in beksultan-t-33b6601b6 • beksultantuleev



## Education

### University of Trento

Master of Science in Data Science, GPA: 100/110

Italy

Sep 2019–Mar 2022

**Thesis:** Non-line-of-sight Detection And Mitigation Using Machine Learning For Indoor Positioning Ultra-wideband System

### OSCE Academy

Master of Arts in Economic Governance and Development

Kyrgyz Republic

Sep 2017–Dec 2018

**Thesis:** The Impact of Trade Openness on Technical Efficiency in the Agricultural Sector in Post-Soviet Countries 1990-2014

### American University of Central Asia

Bachelor of Arts in Economics

Kyrgyz Republic

Sep 2013–Jun 2017

**Thesis:** Quantitative Economics Research, The Application Of Dantzig's Simplex Algorithm On The Micro-construction Company

## Experience

### Nurtelecom, Mobile Network Carrier

Data Scientist / Data Automation Engineer

Bishkek, Kyrgyz Republic

Apr 2022–Mar 2023

- Improved ML model prediction of Active Customers for next fiscal month with 99% recall and precision.
- Developed a versatile pip library (nurtelecom-gras-library) to facilitate connection and manipulation of Oracle databases, leveraging efficient algorithms for seamless handling of spatial data.
- Developed a Telegram bot to streamline task and job management in Oracle, reducing the time and effort required for maintenance and control of these processes.
- Implemented automatic failure recovery, which allows failed tasks to be automatically restarted in the event of external failures, improving system reliability and reducing downtime.

### The Openwork Partnership, Financial Advice and Investment Network

Data Scientist Intern

Swindon, United Kingdom

Jun 2021–Oct 2021

- Developed Multi-Output ML models for predicting customers with a high likelihood of purchasing protection products in different income segments.
- Developed a custom framework to operate multiple models with embedded report creation upon completion that simplifies further ML applications.
- Developed an in-depth visualization approach accompanied by classification or clustering problems.

### Mercy Corps, Humanitarian Aid Organization

Procurement and IT Assistant

Bishkek, Kyrgyz Republic

Feb 2019–Aug 2019

- As a Procurement Assistant at Mercy Corps, I sourced and purchased kitchen equipment for a food security project in rural areas, improving access to healthy food for children. My work supported the successful implementation of the project and contributed to long-term community development.

### United Nations Development Programme, Snow Leopard Conservancy

Project Management Assistant

Bishkek, Kyrgyz Republic

Aug 2018–Jan 2019

- As a Project Management Assistant at UNDP, I provided administrative support for a project aimed at protecting snow leopards and their habitats. I coordinated logistics and assisted with reporting, contributing to the successful implementation of the project and promoting sustainable development in the communities we served.

## Projects

**Visualization of Reference Signal Received Power in Tableau:** I designed and implemented a Tableau project to visualize signal strength data from NetMAX, and built the necessary infrastructure. The project identified areas with poor signal coverage, enabling network operators to improve network coverage for a better user experience.

**Application of Ultra-Wideband System in Unmanned Aerial Vehicle (UAV):** Applied Ultra-Wideband for precise indoor positioning of small UAVs. Centimetre-level accuracy achieved with a Kalman filter and external UWB tag.

## Skills

**Programming:** Python, SQL, R, Java, C#

**Machine Learning:** Classification, Clustering, Time Series Analysis, Deep Learning with TensorFlow

**Data Visualization:** Matplotlib, Seaborn, Tableau, Power Bi

**Tools:** MS Office, Git, Jupyter, Linux, Docker, Kafka