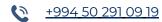# KARİM MAMMADOV
DATA ANALYST / DATA SCİENTİST

ABOUT ME

A data scientist who leverages advanced analytical and statistical techniques to uncover actionable insights from complex datasets. Skilled in building predictive models and applying machine learning to solve real-world problems. A specialist actively involved in driving data-driven decisions that optimize business outcomes and innovation.

CONTACTS

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✉️ karim.mamedov@outlook.com

in Karim Mammadov

📍 Azerbaijan, Baku

My Portfolio :
Github - Karim Mammadov

HARD SKILLS

- **Data Visualization - Advanced**
(Tableau, Power BI, Matplotlib, Seaborn)
- **Statistical Analysis - Advanced**
(Descriptive statistics, hypothesis testing, correlation & regression analysis, probability distributions)
- **SQL - Advanced**
(Queries, JOINs, subqueries, data manipulation, optimization)
- **Python - Intermediate**
(Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn)
- **Machine Learning - Advanced**
(Supervised & unsupervised models, evaluation, and hyperparameter tuning)
- **Data Wrangling & Cleaning – Advanced**
(Preprocessing, missing values, outliers, data quality)

SOFT SKILLS

- Problem-solving
- Adaptability
- Attention to Detail
- Critical Thinking
- Communication Skills

LANGUAGES

- Azerbaijan (Native)
- Turkish (Native)
- English (Intermediate)
- Russian (Elementary)

WORK EXPERIENCE

DATA SCIENCE INTERN

Saiket Systems — 2025 Sept - Present
Remote – Intern (AI/ML Contributor)
- Executed end-to-end Data Science workflows for customer churn analysis, including data preprocessing, feature engineering, exploratory data analysis (EDA), and segmentation, transforming raw datasets into actionable business insights.
- Developed and optimized NLP and LLM-based solutions, including prompt engineering and Retrieval-Augmented Generation (RAG) pipelines, applied to predictive modeling and customer behavior analysis for enhanced decision-making.

AI ENGINEER INTERN

Elevvo Pathways — 2025 Sept - Present
Remote - Intern (AI/ML Contributor)
- Designed and implemented ML solutions for real-world business problems, focusing on supervised learning, time series forecasting, and NLP (RAG, LLMs).
- Contributed to end-to-end model development: data preprocessing, feature engineering, training, evaluation, and optimization using PyTorch, TensorFlow, and scikit-learn.

BACK-END DEVELOPER INTERN

Azerbaijan HR Institute — 2024 April - 2024 August
- Developed and maintained full-stack applications using C#, Python, Node.js, and React, ensuring scalability and performance.
- Collaborated with cross-functional teams to design and optimize APIs, enabling efficient front-end and back-end integration.

EDUCATION

Div Academy
Data Science — 2025 March - Pesent

Eskisehir Osmangazi University
Master's Degree in Finance — 2022 - 2024

Azerbaijan University of Architecture and Construction
Bachelor's Degree in Melioration and Communication Systems — 2018 - 2022

TRAININGS AND CERTIFICATES

TAB Academy
Data Analytics

EDDE Global Agency
"Study in the UK&USA" conference

Organized by The Innovation and Digital Development Agency in

Collaboration with The AZERBAIJAN HR Institute
Full-Stack Developer PHP (Laravel)