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 - Advanced**
(Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn)
- **Machine Learning - Advanced**
(Supervised & unsupervised models, evaluation, and hyperparameter tuning)
- **AI Data Preparation – Advanced**
(Preprocessing, feature engineering, handling missing values & outliers for AI model development)

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

CodeAlpha   2025 Oct - Present
Remote – Intern (AI/ML Contributor)
- Executed AI/ML workflows for assigned projects, including data preprocessing, feature engineering, and model building; developed ML solutions for regression, classification, and forecasting tasks, delivering actionable business insights.

DATA SCIENCE INTERN

Saiket Systems   2025 Sept - Present
Remote – Intern (AI/ML Contributor)
- Performed end-to-end Data Science for churn analysis, including EDA, feature engineering, and segmentation; developed NLP & LLM solutions with RAG pipelines for predictive modeling and business insights.

AI ENGINEER INTERN

Elevvo Pathways   2025 Sept - Present
Remote - Intern (AI/ML Contributor)
- Built ML solutions for business problems (supervised learning, time series, RAG & LLMs) and handled end-to-end model development using PyTorch, TensorFlow, and scikit-learn.

BACK-END DEVELOPER INTERN

Azerbaijan HR Institute   2024 April - 2024 August
- Developed scalable full-stack applications with C#, Python, Node.js, and React, and optimized APIs for seamless front-end/back-end integration.

EDUCATION

American University of Cyprus
Ph.D. in Information Technology   2025 Sept - Present
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
Organized by The Innovation and Digital Development Agency in Collaboration with The AZERBAIJAN HR Institute
   Full-Stack Developer PHP (Laravel)