



Duhan Onat Karadayı

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Statistician with strong analytical and leadership skills, experienced in data science, object-oriented programming, and Linux systems. Passionate about technology, with proven experience as a developer, volunteer, and organizer with strong communication abilities. For detailed project descriptions, please visit my [website](#).

EDUCATION

Middle East Technical University

Bachelor of Science in Statistics

2026

Ankara

- Served as **Teaching Assistant** for Data Analysis for Archaeometry Master's, focusing on teaching R programming and statistical techniques.
- METU AI Community - **Founding** and **Board** Member, METU Lodos Community - Board Member
- Nesin Mathematics Village - Volunteer and Student

WORK EXPERIENCE

The Globby

Junior Developer and Data Scientist

May 2025 – Today

Remote

Developing data-driven features for a mobile trading application by applying advanced statistical techniques, machine learning algorithms and programming techniques.

- Applied machine learning and statistical methods (**regression, clustering, PCA**)to improve decision-making features.
- Developed an algorithm to identify country-level trading opportunities for each product using **Python** and **R**.
- Optimized and integrated algorithms into backend **Linux** servers with **SQL** and **Python**, frontend with **Javascript** to enhance system performance and scalability.

T.C. Cumhurbaşkanlığı İnsan Kaynakları Ofisi

Data Science Intern

Oct. 2024 – Jan. 2025

Ankara

As a data science intern, I created different perspectives to understand and comment about a variety of datasets.

- Used statistical approaches like **Regression, Manova, Clustering** etc.
- Applied modeling and visualization techniques on various datasets using R, Python and Excel.
- For better and easier analyses, I created scripts for Excel and R. These are used by different departments.
- Utilized **Excel** and **SQL** for database manipulations.

TÜBİTAK

Strategic Planning and Management Intern

June 2023 – June 2023

Ankara

Made statistical analyses about different TÜBİTAK projects using **Regression** and **Non-Parametric Tests**.

- Designed and developed a work planning software with **object oriented programming** techniques using **Java**.

SKILLS

Python | R | Java | BASH Scripting | Git | SQL | Javascript | Linux | React | Statistical Analysis

SPORTS

- **Football** - Yeni Karamanspor 1st in Elite Football League, ODTÜ 15.Dorm Team 2nd in ODTÜ Football Tournament
- **Water Polo** - TOFAS Water Polo Team, 1st place in Regional League