

Curriculum Vitae

ZEYNEP KAYA

Izmir, Turkey | zeynep.kaya.test@gmail.com | kaggle.com/zeynepkaya

OBJECTIVE

Mathematics graduate with strong foundation in statistical learning and machine learning, seeking Master's in Mathematics in Data Science at TUM to pursue career in data science research.

EDUCATION

Izmir Institute of Technology (IYTE)

BSc Mathematics (Graduated January 2025)

GPA: 3.72/4.00 | Minor: Computer Science

Thesis: Bayesian Methods for High-Dimensional Regression

RESEARCH & PUBLICATIONS

Research Assistant - Applied Statistics Lab (2023-2024)

- Developed statistical models for healthcare data analysis
- Implemented Bayesian inference algorithms in Python

Publication

"Variable Selection in High-Dimensional Bayesian Regression" - Turkish Statistical Association Journal, 2024

WORK EXPERIENCE

Vestel Electronics - Data Analyst Intern (Summer 2024)

- Analyzed customer behavior data using Python and SQL
- Built predictive models for product recommendations
- Created interactive dashboards with Tableau

TECHNICAL SKILLS

- Programming: Python, R, SQL, MATLAB
- ML/DL: TensorFlow, PyTorch, scikit-learn, XGBoost
- Statistics: Bayesian inference, regression, time series
- Visualization: Matplotlib, Seaborn, Tableau
- Languages: Turkish (native), English (C1)

CERTIFICATIONS

- Google Data Analytics Professional Certificate (2024)
- Kaggle: 2 Silver Medals in Competitions