YIGIT ASIK

Website | Medium
LinkedIn | +90 (537) 497 3714 | Email

SKILLS

PROGRAMMING
Python • Numpy • Pandas • Sklearn
Matplotlib • Seaborn • ELI5 • Shap
R • tidyverse • ggplot • MS SQL

THEORETICAL
Machine Learning Algorithms
Research Methods • Statistics
Explainable AI

ACCOMPLISHMENTS

TUBITAK | Star Boursier, Intern Researcher
July 2022 – Dec 2022 | Istanbul, TR

- Awarded a scholarship under TUBITAK (The Scientific and Technological Research Council of Turkey) 1001 project.

RESEARCH | LWA in Turkey
Oct 2022 | Istanbul, TR

- Presentation of the early findings of our research at *National Congress of Psychology*.

EDUCATION

MIUUL & VBO
Data Science & Machine Learning Bootcamp
Feb 2022 - May 2022

- My capstone project about *political orientation prediction* (GitHub) voted the best in my group by instructors, allowed me to present it to every bootcamp participant in the end.
- Built more than 10 projects via usage of different methods which are included under CRM analytics, recommendation systems, machine learning and time series.

DOGUS UNIVERSITY
BA in English Literature
Graduated GPA: 3.07

- Awarded Extracurricular Activities Award via my blog posts at Bakma Gor.
- Represented basketball team for 2 years.
- Gave a seminar about Human Biomechanics.

EXPERIENCE

DENIZBANK | Jr. Data Scientist
Aug 2023 – Present | Istanbul, TR
DENIZBANK | Intern Data Scientist
Feb 2023 – July 2023 | Istanbul, TR

- **Producing analytical solutions** to be used in marketing activities for a wide range of banking products.
- **Performing data analysis** to increase the efficiency and profitability of marketing activities.

MINT LAB | Lab Tech & Undergraduate Research Assistant
Nov 2019 - Present | Istanbul, TR

- **Handled lab's technical needs** and issues.
- **Significantly improved experiment design** by assisting other researches.
- **Started a research project** about LWA in non-WEIRD culture (Turkey).

PROJECTS

HOOPLYTICS BASKETBALL ANALYTICS ACCOUNT | Acc Link

- Descriptive, inferential, and predictive analysis of basketball data.
- Emphasis on data visualization, including basketball specific charts.
- Shot probability, possession importance, and new assist metric that tries to answer the question: "Was that shot could be made by anyone?"
- Model explainability via usage of model agnostic methods.

ALPEREN SENGUN'S 2022-23 SEASON ANALYSIS | Link

- Includes clustering of centers with traditional metrics to see if Sengun falls into the same cluster with Sabonis and Jokic.
- Descriptive comparison of Sengun to Sabonis and Jokic on their second season in the NBA.
- Univariate and multivariate modelling of 2 and 3 pointers.

ELECTRICITY DISTRIBUTION PREDICTION | GitHub

- Used Facebook's Prophet's output as features along with date features for LGBM.
- Could have taken different approaches (e.g., expanding window for train-validation etc.) but decided to go for larger hyperparameter grid to tune the model instead.

STORE-ITEM DEMAND FORECASTING | Linkedin

- Built a model for demand forecasting.
- Wrote a custom function (since can't use GridSearchCV with "time-series" data) for Light GBM that searches through given tuning parameters and returns the best combination in respect to whatever cost function one would like to use.