Ahmet DİZDAR *Data Scientist*

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EDUCATION

2017/09 – 2022/01
Bolu

CSE Bachelor's Degree, *Abant Izzet Baysal University*

- I completed my bachelor's degree with a GPA of 2.45. During my education, I learned programming languages such as Java, C#, Python, and SQL.

EXPERIENCES

2021/10 – 2021/11
Bolu

Dolunay AR-GE, *Intern - Data Scientist*

During my one-month internship at Dolunay AR-GE, I gained fundamental data-related experience, including:

- **Data Collection and Cleaning:** I learned how to collect data from various sources and understood the importance of data cleanliness and organization.
- **Data Analysis and Statistical Insights:** I conducted statistical analyses on company data, including regression analysis, hypothesis testing, and data visualization, to inform decision-making processes.

2015/04 – 2020/10
Istanbul

LGDestek.Net, *Editor*

- During high school, I worked part-time at LGDestek.Net, conducting research on LG smartphones. I contributed to the publication of several articles during my time in this role.

SKILLS

Python	●●●●○	PowerBI	●●●●○
Machine Learning	●●●●○	SQL	●●●○○
Streamlit	●●●●○	Flask	●●●○○
Deep Learning	●●●○○	Cloud	●●○○○

LANGUAGES

English ●●●●○

PROJECTS

GEMINI CHATBOT, *LLM Model*
Successfully designed, developed, and deployed a Gemini ChatBot website utilizing the Google Gemini Pro Large Language Model.

- **Technologies:** Google Gemini Pro LLM Model, Python, Flask, HTML, CSS, JS, Git

IS BANKASI - Datathon, *Machine Learning Challenge*
I participated in Is Bankasi's Machine Learning Challenge. My objective was to address the multi-label classification problem on recommendation data.

- **Exploratory Data Analysis:** Menu usage durations and the most frequently used menus on a monthly basis were examined.
- **Machine Learning:** I utilized various machine learning techniques such as LightGBM, XGBoost, CatBoost for a classification problem.
- **Multi-Classification Models and Algorithms:** I chose the following models to optimize predictions in alignment with machine learning algorithms and dataset suitability for multi-label problems:
  - LabelPowerset, ClassifierChain, BinaryRelevance.
- **Hyperparameter Tuning:** To mitigate the issue of overfitting, I performed hyperparameter optimization on all models. The technique I employed for these optimization processes was:
  - Optuna

BTK ACADEMY - Datathon, *Machine Learning Challenge*
I participated in the Datathon competition hosted by BTK Academy and successfully completed a multi-classification project.

- **Exploratory Data Analysis (EDA):** I conducted exploratory data analysis on the dataset, using the provided information to perform relational analyses and interpreted these analyses using visualization tools.
- **Feature Engineering:** I tried to obtain new features from the data to improve the performance of the models I would use.
- **Machine Learning:** Since the dataset used in the project involved a classification problem, I attempted to improve my predictions using the following models:
  - RandomForest, XGBoost, CatBoost, LightGBM
- **Hyperparameter Tuning:** I tuned the model parameters for optimal performance. The Technologies used during these stages were:
  - GridSearchCV, RandomizedSearchCV

APPLE - Stock Price Forecasting, *Thesis - Deep Learning*
I successfully completed the data analytics course at SOFTITO Academy and carried out the Apple stock price prediction project. In this project, I included the following:

- **Deep Learning:** I attempted to make predictions on the Apple stock price using LSTM and GRU models belonging to the RNN algorithm.
- **Hyperparameter Tuning:** To enhance the performance of the models I used and obtain more accurate results, I conducted optimization processes using RandomizedSearchCV.