

Yağız Terzi

AI engineer/Data
Scientist/Data Analyst

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SUMMARY As a dedicated mathematics student with a strong foundation in data science and AI engineering, I am passionate about utilizing data and cutting-edge algorithms to address complex challenges and foster innovation. My expertise lies in converting data into meaningful insights and developing intelligent systems to support data-driven strategies

PROFESSIONAL EXPERIENCE Freelance AI Engineer
YGEIAN | June 2024 – January 2025
Developed and implemented AI chatbots to doctors so they can have better understanding and easier time to work with patient's problem. Using openAI playground and NLP methods me and my team created a chatbot that gives user information about gene's mutations and effects of it on human body , risks of recovery and many more. While working here we used mainly Python and OpenAI playground with some JavaScript for web scraping. This project helped doctors make decisions faster by %5-6

Freelance Data Scientist
March 2024 – Present
Working as a freelance data scientist I created many ,some smaller some bigger ,projects for my clients. My main purposes are Clean and prepare data for customers needs and after that analyze and do predictions using both mathematical methods and Machine Learning methods aswell as Deep Learning methods. Tools that I mainly use are Python,R,SQL,Jupyter Notebook,PowerBI,Excel. My work helped my clients understand the data they're working and gave them a proper insight for their future decisions .

LANGUAGES AND TOOLS

- Python SQL R
- Jupyter Notebook PowerBI and PowerApps OpenAI Playground Tableau Excel
- Tensorflow Scikit Pandas spaCy

STANDOUT PROJECT	<u>EnergyUsageWithTimeForecast</u>	<u>SleepEDF</u>
	Using time series forecasting for guessing energy usage in time periods	EEG & Hypnogram Sleep Quality Scoring with CNN + LSTM
	<u>IstanbulRentPrediction</u>	<u>MovieRecommendation</u>
	Predicting Istanbul rent prices using machine learning algorithms	Giving users movie recommendation using K-means
	<u>DdosTrafficVisualization</u>	<u>ChurnAnalysisWithXGBoost</u>
	An EDA about ddos attacks and its patterns	using XGBoost for predicting user churn rate and understand user behaviour for future

EDUCATION **Yıldız Technical Universty 2021-2026** **Toplum Gönüllüleri Vakfı(TOG)**
Bachelor of Science in Mathematics **March 2024-Nov 2024**

LANGUAGE	Fahrettin Kerim Gökay High School 2017-2021	VOLUNTEERING This experience in Toplum Gönüllüleri Vakfı(Society Volunteer's Foundation) taught me about empathy , kindness and understanding value of helping others and teamwork.
	Native Turkish Speaker	
	C1 Level at English	

- CERTIFICATES**
- Restful API's(Intermediate) – Hackerrank
 - Intermediate Python – DataCamp
 - Introduction to PowerBI – Datacamp
 - Data Manipulation with pandas– Datacamp
 - Developing AI Systems with the OpenAI API – Datacamp
 - Scientific Computing with Pyhton –Freecodecamp
 - Data Scientist Certificate – Freecodecamp
 - Data Analyst with Python – Freecodecamp
 - Machine Learning with Python – Freecodecamp