

<div>Çağatay Kılınç</div> <div>Data Scientist</div> <div><div><div><div></div></div><div>Türkiye</div></div><div><div><div></div></div><div>+905343997582</div></div><div><div><div></div></div><div>cgtykln@gmail.com</div></div><div><div><div></div></div><div>Github</div></div></div>				
Profiles	<div><div><div></div></div> klnccgty</div>	<div><div><div></div></div> kaggle aataykln</div>	<div><div><div></div></div> klnccgty</div>	
Summary	Experienced in <b>AI application</b> ( <b>RAG</b> , <b>Fine tunings</b> )and <b>agent development</b> , including multi-agent systems. Skilled in <b>LLMs</b> using <b>open source</b> models like <b>LLama 3</b> , and <b>OpenAI API</b> , and <b>GPT</b> models (GPT-4, GPT-4o). Proficient in REST API, <b>data scraping</b> (Requests, BeautifulSoup, Selenium), <b>data analysis</b> , and <b>machine learning</b> . Familiar with Flask and FastAPI for API integration. <b>Google Cloud</b> for deployment and <b>Streamlit</b> or <b>React frontend</b> for prototyping.			
Experience	<b>Freelance</b> remote  Recently Completed Projects:  1- Multi Agent System Chatbot(gpt-4o, Langchain, claude 3.5 sonnet, Streamlit, FastAPI)  2- PDF- RAG Agent(Llama3, Langchain,Streamlit)  3- AI assistant Project(Hf, LLamaindex, llama3, Streamlit, FastAPI)	<b>May 2023-Present</b>		
	<b>Miүүл</b> Data Scientist Mentor / Backend AI Developer <a href="#">MIUUL</a> <ul style="list-style-type: none"><li>Providing Data Science training and offering mentorship in the field.</li><li>Conducting data analysis , creating data visualizations and machine learning models.</li><li>Working on creating analysis tools by using generative ai .</li><li>Developing chatbots using OpenAI and Langchain support, tailored to specific needs.</li><li>Ensuring the security of Discord channels of Miүүл by creating spam and harassment prevention bots.</li><li>Designing an AI-supported course recommendation system for the company.</li></ul>	<b>june 2023 - july 2024</b> Sweden		
	<b>Budget</b> CRM <a href="https://www.budget.com.tr/">https://www.budget.com.tr/</a>	<b>February2020 - July- 2022</b> Istanbul		
	<b>Project BEAM</b> Gen AI developer <ul style="list-style-type: none"><li>Complex RAG project.</li><li><b>PDF to JSON Conversion:</b> Converted PDF files to JSON using Camelot for structured data extraction.</li><li><b>Data Retrieval:</b> Executed advanced data queries on <a href="#">Ragie.ai</a> using uploaded JSON files.</li><li><b>Local Search:</b> Implemented vector-based search locally with open-source tools.</li><li><b>Optimization:</b> Improved search efficiency by utilizing JSON for complex datasets.</li><li><b>Vector Store Integration:</b> Explored and integrated vector storage solutions like Faiss and Milvus for similarity searches.</li></ul>	<b>June 20 - November 11</b> Italy		
Education	<b>Izmir Institute of Technology</b> Physics	<b>2010 - 2017</b> Bachelor		
Projects	<b>1 - PdfXtractor</b> AI Web Application for Extracting Complex Tables from PDFs to CSV/JSON <a href="#">Github page of project</a>  Automatically extract complex tables from your PDF documents and convert them into clean, ready-to-use CSV or JSON formats.  Powered by advanced AI, this application <b><i><u>simplifies data extraction and allows you to query tables using an intelligent agent.</u></i></b> agent, ocr, rag	<b>jan-2025</b>		
	<b>2- Anti-spam Bot</b> <ul style="list-style-type: none"><li><b>Description:</b> Created an AntiSpamBot for Discord that filters offensive messages and prevents inappropriate content within a Discord server.</li><li><b>Technologies:</b> <a href="#">Discord.py</a>, LLM, Generative AI</li></ul> discord.py, llm, generative ai			
	<b>3- Chatbots</b> <ul style="list-style-type: none"><li><b>Description:</b> Built an AI-driven chatbot for Miүүл that responds to user queries on specific topics and added keywords.<ul style="list-style-type: none"><li><b>Features:</b><ul style="list-style-type: none"><li><b>Subject Expertise:</b> Provides answers on topics such as data science, machine learning, data analysis, virtual machines, front-end development, and more.</li><li><b>Natural Language Processing:</b> Generates short and concise responses using GPT-4 in natural language.</li><li><b>Image Recognition:</b> Processes messages containing screenshots and text from images.</li><li><b>Conversation History:</b> Remembers previous conversations with users and provides relevant responses.</li></ul></li></ul></li><li><b>Technologies:</b> OpenAI GPT-4, Python, Flask, FastAPI, Selenium</li></ul>			
	<b>4 - Data Analysis Projects</b> <ul style="list-style-type: none"><li><b>Description:</b> Provided data analysis support and developed machine learning models for various companies within my own organization.</li><li><b>Technologies:</b> Python, Pandas, Scikit-learn, Matplotlib</li></ul>			
	<b>5 -Discord-Q-Analyzer</b> <ul style="list-style-type: none"><li><b>Description:</b> Developed a generative AI application that retrieves messages from Discord channels, detects questions, and analyzes which areas generally have questions.</li><li><b>Technologies:</b> Generative AI, Python, LangChain, OpenAI</li></ul> generative ai, python, langchain, openai, llm			
	<b>6 - Course Recommendation Systems</b> <ul style="list-style-type: none"><li><b>Description:</b> Developed a system that recommends courses based on existing course information using the OpenAI API and LangChain.</li><li><b>Technologies:</b> OpenAI API, Python, LangChain</li></ul> LLM, generative ai, python			
	<b>7 - Generative AI</b> <ul style="list-style-type: none"><li><b>Multi-Agent System Chatbot:</b><ul style="list-style-type: none"><li><b>Description:</b> Created a multi-agent system chatbot using GPT-4o, LangChain, and other technologies.</li><li><b>Technologies:</b> GPT-4o, LangChain, FastAPI, Streamlit</li></ul></li><li><b>PDF-RAG Agent:</b><ul style="list-style-type: none"><li><b>Description:</b> Developed a RAG agent for processing PDFs and retrieving information.</li><li><b>Technologies:</b> GPT-4o, LangChain, Streamlit, FastAPI</li></ul></li><li><b>AI Assistant:</b><ul style="list-style-type: none"><li><b>Description:</b> Built an AI assistant using various generative AI models.(speech to speech, text to text etc.)</li><li><b>Technologies:</b> GPT-4o, llama, ollama open source models Streamlit, FastAPI</li></ul></li><li><b>Database Integration:</b><ul style="list-style-type: none"><li><b>Description:</b> Integrated RAG/LangChain systems with databases for better LLM performance.</li><li><b>Technologies:</b> RAG/LangChain, LLM</li></ul></li><li><b>Fine-Tuning:</b><ul style="list-style-type: none"><li><b>Description:</b> Engaged in fine-tuning LLM models to improve their performance.</li><li><b>Technologies:</b> GPT models adn open source models, lora - peft</li></ul></li></ul>			
Skills	<b>Python</b> ●●●●○ <b>Generative AI</b> ●●●●○ Langchain, Openai API, Streamlit, Transformers, Vector Database, Embeddings, Llama, crewai, Autonomous agents, langchain, Fine-Tuning, gemini, ReAct, Ollama, PEFT, LoRA, Retrieval Augmented Generation (RAG) <b>Data Analysis Tools</b> ●●●●○ Pandas, numpy, skit-learn, Matplotlib, Seaborn, Scikit-learn <b>Machine Learning</b> ●●●●○ Scikit-learn, PyTorch, XGBoost, LightGBM, CatBoost <b>SQL</b> ●●●●○ <b>Data Visualization</b> ●●●●○ seaborn, Power BI			
Interests	<b>Playing Flamenco Guitar</b>	<b>Wild Life</b>	<b>Wood Working</b>	<b>Artificial Intelligence</b>
Certifications	<b>Generative AI with LLMs</b> Coursera	<b>January 2024</b>		
	<b>Data Science And Machine Learning</b> MIUUL	<b>Sep 2022</b>		
	<b>Pytorch for Deep Learning</b> Zero To Mastery Academy	<b>May 2022</b>		
	<b>Advanced Python</b> Linkedin	<b>March 2023</b>		
	<b>Building Apps With Vector Databases</b> DeepLearning.AI <a href="https://learn.deeplearning.ai">https://learn.deeplearning.ai</a> <ul style="list-style-type: none"><li>Semantic Search</li><li>Retrieval Augmented Generation (RAG)</li><li>Recommender Systems</li><li>Hybrid Search</li><li>Anomaly Detection</li></ul>	<b>March 2024</b>		
Awards	<b>Kaggle</b> Enigma <a href="https://www.kaggle.com/competitions/enigma-tech-tatva-2022/overview">https://www.kaggle.com/competitions/enigma-tech-tatva-2022/overview</a>	<b>Oct 2022</b>		
Languages	<b>Turkish</b> Native ●●●●● <b>English</b> Proficient ●●●●○ <b>Spanish</b> Beginner ●○○○○			