

KAGAN TIMUR

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SUMMARY

Early-career Data Scientist with hands-on experience in LLMs and ETL pipelines across academic and industry projects. Worked on fine-tuning transformer and traditional ML models, RAG systems, sentiment and semantic analysis, and NLP/NLU tasks. Applied LLMs for signal-based marketing to identify target customers and for chatbot systems to improve client engagement.

SKILLS

Programming Languages & Tools: Python (PyTorch, scikit-learn, Plotly, NLTK, Selenium), SQL, Spark, ChromaDB, FAISS

NLP & Model Optimization: HuggingFace, RAG, OpenAI API, BERT (DistilBERT, RoBERTa, ALBERT), Model Optimization & Feature Engineering

EXPERIENCE

Generative AI Annotator, Covalen (Meta LLaMa Project), Dublin

May 2025 – Present

- Reviewed and analyzed high-risk content categories, escalating policy-critical cases to legal and safety teams.
- Performed trend and pattern analysis to detect emerging risk signals in English, Turkish and Brazilian markets.
- Identified enforcement gaps during large-scale content sweeps.
- Worked within strict compliance and policy frameworks.

Data Scientist, Orcawise, Dublin

Aug 2023 – Aug 2024

- Proposed and helped develop a Retrieval-Augmented Generation solution enabling interaction with the EU AI Act via Gemini; collaborated cross-functionally and contributed to a published paper.
- Contributed to the development of an Instagram data scraping and ETL pipeline using Python(Selenium, BeautifulSoup) and SQL to collect and process real-time user behavior data.
- Annotated and curated textual datasets; fine-tuned a DistilBERT model for classification using PyTorch.
- Automated workflows to enhance operational efficiency and reporting accuracy.
- Participated in testing and deploying machine learning models in a cloud environment.

EDUCATION

MS in Data Analytics, CCT College Dublin, Ireland

Feb 2023 – Jun 2024

- **Thesis: AI-Driven Business Insights:** Fine-tuned RoBERTa for subjective query understanding, analyzed public sentiment and semantic relationships for investment insights, developed a RAG system with ETL pipelines for news article scraping, and collaborated with Orcawise on new product development.

Bachelor of Business Administration and Management, University of Anadolu, Turkey Sep 2014 – Jun 2019