

KAGAN TIMUR

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SUMMARY

Data Scientist specialized in LLMs and ETL Pipelines, with expertise in fine-tuning transformer models, retrieval-augmented generation, sentiment and semantic analysis. Experienced in deploying scalable AI models using Python, Docker, and TensorFlow for high-volume text processing. Applied LLMs in signal-based marketing, identifying the right customers for clients by analyzing behavioral signals and optimizing targeting strategies.

TECHNICAL SKILLS

Programming Languages & Tools: Python (NumPy, SciPy, Pandas, scikit-learn, PyTorch), SQL, Spark, Git, MLOps, Tableau, Pinecone, MongoDB.

NLP & Model Optimization: Hugging Face, PyTorch, OpenAI API, GPT-4, BERT, Transformers, spaCy, NLTK, Quantization, Pruning, Sentiment Analysis, Text Classification, Semantic Search.

Cloud Technologies: Docker, AWS (S3, Glue, Sagemaker, ECS).

EXPERIENCE

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

May 2025 – Present

- Reviewed high-risk content (including CSE, violence, impersonation, fraud, and hate speech) in alignment with Meta's global Safety and Abuse policies.
- Conducted G2P (grapheme-to-phoneme) phonetic evaluations using IPA principles to validate pronunciation rules and phonotactic accuracy for TTS-related tasks.
- Performed data quality checks and ongoing audio evaluations to ensure high-quality synthetic speech datasets.
- Attended regular training and update sessions to stay current on policy changes, project developments, and evaluation requirements.
- Partnered with legal, ethics, and safety teams to ensure culturally aware and contextually appropriate AI behavior.

Data Scientist, Orcawise, Dublin

Aug 2023 - Aug 2024

- Developed AI-powered solutions to extract actionable insights from real-time data, directly supporting sales and marketing strategies.
- Enhanced lead qualification and customer targeting, contributing to a 20% improvement in engagement rates.
- Built automated ETL pipelines for real-time data ingestion, ensuring up-to-date customer insights.
- Collaborated with sales and marketing teams to align AI solutions with business objectives, streamlining digital engagement initiatives.
- Deployed scalable cloud-based models that supported efficient, data-driven decision-making.

EDUCATION

MS in Data Analytics, CCT College Dublin, Ireland

Feb 2023 - Jun 2024

- **Thesis: AI-Driven Business Insights:** Collaborated with Orcawise for a new product.

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