

# Alexandros Frangiadoulis

Senior Data Scientist | Applied AI

## Contact:



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[LinkedIn](#)



[Github](#)



[Portfolio](#)

## Education

### Master of Science (MSc)

Informatics & Multimedia

Technological Educational Institute of Crete

2014 - 2016

### Bachelor of Science (BSc)

Informatics Engineering

Technological Educational Institute of Crete

2007 – 2014

## Languages

Greek (Native)

English (Fluent)

French (Professional Working Proficiency)

## Strengths

- Applied Machine Learning in Production Environments
- Event-Driven Analytics & Data Modeling
- LLM Systems (RAG, OpenAI API, LangChain)
- Product-Oriented AI Development

## Core Technologies

### ML & AI

Classical ML (scikit-learn, XGBoost) |

Deep Learning (PyTorch, TensorFlow, Keras) |

NLP & LLM Systems (Transformers, OpenAI API, LangChain, RAG)

### Data Platform & Analytics

Databricks, Power BI

### Cloud & Infrastructure

Azure, Docker, Git

## Profile:

Senior Data Scientist and Product Owner with 8+ years of experience developing forecasting systems, production ML models, and analytics solutions across luxury retail and aerospace.

Focused on translating complex operational data into actionable insights that drive commercial and strategic decisions.

## Professional Experience

### Breitling | Senior Data Scientist & Product Owner | Switzerland – Zurich | SEP 2022 – Present

- Own the end-to-end global demand forecasting platform built on Databricks and Azure
- Design scalable data pipelines transforming commercial and inventory data into planning signals
- Develop customer propensity and behavioral models to optimize CRM targeting and revenue performance
- Build boutique and vendor scoring frameworks standardizing segmentation across markets
- Deliver executive dashboards providing visibility into media performance, sales dynamics, and KPIs
- Act as Data Product Owner, aligning engineering, analytics, and commercial stakeholders

### AKKA Technologies | Data Scientist & Software Engineer | France | JAN 2018 – AUG 2022

- Delivered applied machine learning solutions within Airbus engineering programs
- Implemented transformer-based NLP models for large-scale maintenance ticket classification
- Built deep learning architectures to detect and classify aircraft maneuvers
- Optimized simulation workflows using predictive modeling, reducing engineering cycle time
- Developed ML prototypes and visual dashboards supporting operational decision-making

### European Chemicals Agency | R&D Engineer | Finland | MAR 2017 – AUG 2017

- Developed internal technical tools supporting audiovisual and communications teams
- Provided technical coordination for high-profile multilingual events
- Collaborated in cross-functional, multicultural environments

### iSTLab – Technological Institute of Crete | R&D Engineer | Greece | OCT 2015 – JAN 2017

- Conducted applied machine learning research within academic laboratory setting
- Designed and evaluated ML models for experimental and research-driven applications

### Egnatia Tel Group of Companies | IT Support | Greece | JUN 2015 – AUG 2015

- Supported IT systems and operational coordination within construction projects

## Publications

- Deep Learning Implementation Model for Image Recognition Applications  
International Symposium on Ambient Intelligence and Embedded Systems – Sep 22, 2016