

Charalampos Sykianakis

Data Scientist | Business Intelligence Developer | Machine Learning Engineer

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Contact

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Resume Objective

I am currently working as a Data Scientist. My target is to combine the knowledge from my two degrees and apply Data Science, Business Intelligence and Machine Learning to create value for the company I work.

Work Experience

- **Data Scientist – European Commission DG-RTD**

Sword Group, Brussels, Belgium (Oct 2024 – Present)

In my current role, I support the Data team with various ongoing projects. I am leading a text classification project aimed at achieving optimal outcomes with minimal resources, utilizing pre-trained LLMs such as LLaMA, BERT, and other models from Hugging Face. Additionally, I am responsible for the creation of a reporting template, where the key challenge is gathering business requirements and translating them into technical solutions. My day-to-day tasks also involve the development and maintenance of dashboards and using SQL for reporting purposes.

- **Business Intelligence Developer**

Eurobank Equities, Athens, Greece (Oct 2023 – Sep 2024)

As a BI Developer, I took charge of all Data Science and Analytics needs within the company. I was responsible for developing the Power BI environment from scratch and creating various dashboards for internal and external reporting. I regularly interacted with the CTO and CEO to help shape the future direction of the BI department. Additionally, I worked on numerous ad-hoc projects, such as Python automation scripts, market research, chatbot development, machine learning-based time-series anomaly detection, Power Automate workflows, Power Apps, customer segmentation, Docker containerization, and maintaining VBScript.

- **Business Intelligence Analyst**

Aksia LLC, Athens, Greece (Jan 2023 – Aug 2023)

In this role, my focus was on creating analytical solutions for internal use. I worked primarily with MS SQL, Power BI, and Power Automate. My responsibilities included creating financial performance and productivity KPIs, as well as maintaining and enhancing existing dashboards and reports. I was also responsible for developing

unique, out-of-the-box visualizations and ad-hoc projects that required Python scripts and web scraping for data extraction.

- **Operations Analyst**

Aksia LLC, Athens, Greece (Nov 2021 – Dec 2022)

I managed a portfolio of 130 client funds, including creating digital backups, reviewing financial statements, and analyzing IRR and pro-rata levels. I was also responsible for overseeing daily cash flow, capital financial statements, and custodial bank activities. A significant part of my role involved automating various financial processes using Microsoft Excel Macros.

- **SAP Financial Consultant**

Real Consulting, Athens, Greece (Nov 2020 – Nov 2021)

Education

MSc in Data Science – Athens University of Economics and Business, Sep 2022 - Jun 2024

[Programm Overview](#)

BSc in Finance – University of Piraeus, Oct 2014 - Sep 2020

Skills

Python



Machine Learning	● ● ● ● ●
Neural Networks (Text, Image, TS)	● ● ● ● ●
R	● ● ● ○ ○
SQL	● ● ● ● ●
Power BI (Power Query, DAX)	● ● ● ● ●
Apache Spark / PySpark	● ● ● ○ ○
Docker	● ● ● ○ ○
FastAPI	● ● ● ○ ○
Grafana, Prometheus	● ● ● ○ ○
VBScript	● ● ● ○ ○
Regression, CLS, Clustering	● ● ● ● ●

Projects

Rag_Chatbot_Llama_index_docker_mlflow_prometheus_grafana_ – [Github - View](#)

ML_Docker_Prometheus_Grafana – [Github - View](#)

Anomaly Detection with Financial Application

Fine-tune LLaMA 3.2-3B Instruct for Text Classification – [Github - View](#)

RAG Application for PDF Files – [Github - View](#)

Collaborative Filtering – [Github - View](#)

Topic Modelling - Sentiment Analysis

Fine-tuning BERT for Greek Text Classification – [Github - View](#)

Recommender systems - Customer Segmentation (Docker - FastAPI) – [Github - View](#)

Graph & Text Classification for URLs – [Github - View](#)

Abnormality Detection in bone X-Rays (Mura Dataset - Image CLS) – [Github - View](#)

Certifications

IBM Data Analyst Professional Certificate, 2023 – [View](#)

PL-300 Microsoft Power BI Data Analyst, 2024 – [View](#)

Azure Machine Learning & MLOps, 2025 – [View](#)