

# Charalampos Sykianakis

Data Scientist | Business Intelligence Developer | Machine Learning Engineer

**Download Resume**

## Contact

**Address:** Arsenaalstraat, 2800 Mechelen

**Phone:** +32 470582209

**Email:** c.sykianakis@gmail.com

**GitHub:** [csykianakis](#)

**LinkedIn:** [charis-sykianakis](#)

## 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

**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](#)