







# JOHN MARIS

MSc. student

## About Me

I am deeply passionate about data science, machine learning, statistics and mathematics. I'm in the midst of my master's studies in Data Analysis & Machine Learning at the UoC and FORTH. Furthermore, I'm working as a Teaching Assistant at the same university.

-  Heraklion, Crete, Greece
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-  gianismaris13(AT)gmail.com
-  [Portfolio](#)
-  [LinkedIn](#)
-  [GitHub](#)

## Interests

- Machine Learning
- Statistics & Causality
- Deep Learning
- Deep Generative Models
- Bioinformatics
- Time Series & Econometrics
- Mathematical Modelling
- Dynamical Systems

## Language

- English (ECCE-Michigan)
- Greek (Native)

## Soft Skills

- Time Management
- Teamwork
- Problem Solving

## Education



### Master of Science in Data Analysis & Machine-Statistical Learning.

Oct. 2023 - Jan. 2025

90 ECTS programme.

Current Grade: Excellent.

Supervisor: Yiannis Pantazis.

Organizing bodies:

University of Crete: Dep. of Mathematics and Applied Mathematics & Dep. of Computer Science;  
Foundation of Research & Technology Hellas (FORTH):  
Institute of Applied and Computational Mathematics (IACM) & Institute of Computer Science (ICS).



### Bachelor of Science in Mathematics & Applied Mathematics.

Oct. 2017 - Sep. 2022

274/240 ECTS programme.

Grade: 7.6

Supervisor: Yiannis Kamarianakis.

University of Crete: Dep. of Mathematics and Applied Mathematics.

Graduation requirements fulfilled in 9/2022, official graduation ceremony held in 7/2023.



## Experience

### Internship at Foundation for Research and Technology - Hellas (FORTH) - Applied Statistics & Predictive Modelling.

Seasonal (Dec 2022 - May 2023)

### University Teaching Assistant.

- Machine Learning (Postgraduate), Python Computer Language (Fall 2023)
- Introduction to Linear Algebra (Fall 2022)
- Numerical Analysis (Spring 2024)

## Publications

- BSc. thesis: Supervised Classification with Parametric Models**

Supervisor: Yiannis Kamarianakis

2023

- Identification of Normal Modes in Underwater Acoustic Propagation using Convolutional Neural Networks.**

In Proceedings of 24th international congress on acoustics, ICA, Acoustical society, Korea, 2022. **Authors:** Costas Smaragdakis, John Maris, Michael Taroudakis

2022

## Programming & Frameworks

Python 



PostgreSQL 



Mojo 

Javascript 




 scikit-learn

 pandas

 PyTorch

 TensorFlow

 statsmodels

 seaborn

 matplotlib

 SymPy

 SciPy

 NumPy

 MASS

 caret

 ggplot2

 glmnet

 quantreg

 forecast

 sandwich

 tsRNN