IOSIF PINTIRISHIS

B.Sc. IN MATHEMATICS & STATISTICS

M.Sc. IN DATA SCIENCE

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PROFESSIONAL PROFILE

As a graduate of the University of Cyprus, with a BSc in Mathematics and Statistics and a MSc in Data Science, I have built a solid foundation in quantitative analysis, problem-solving, and advanced data analytics. My academic and professional journey has deepened my expertise in statistical methodologies and machine learning, equipping me with the tools to analyse complex systems and make data-driven decisions. Currently, I am pursuing a PhD in Statistics at Bocconi University, further expanding my research skills and advancing my knowledge in Bayesian statistics and statistical methodology. I am passionate about leveraging my skills in statistics and data science to address real-world challenges.

EDUCATION

- SINCE SEPTEMBER 2025 | **Bocconi University**
  PHD IN STATISTICS AND COMPUTER SCIENCE, STATISTICS TRACK.
- SEPTEMBER 2023 TO DECEMBER 2024 | **University of Cyprus**
  MSc Data Science (taught in English), Statistics track. GPA: 9.53/10
- JANUARY 2022 TO JUNE 2022 | **Umea University**
  BSc Mathematics and Statistics, exchange student, Erasmus+ Programme.
- SEPTEMBER 2019 TO JUNE 2023 | **University of Cyprus**
  BSc Mathematics and Statistics, emphasis on Probability and Statistics. GPA: 9.36/10
- SEPTEMBER 2015 TO JUNE 2018 | **A – Levels**
  A* in Mathematics and A* in Further Mathematics
- SEPTEMBER 2015 TO JUNE 2018 | **Agiou Georgiou Lakatamia High School**
  Apolytirion, GPA: 19.67/20

EXPERIENCE

- JANUARY 2025 TO JUNE 2025 | **KPMG Cyprus**
  Risk Consultant, full-time job.
- JUNE 2024 | **University of Ruse**
  2nd AI Camp, developed and presented a group project on using AI and robotics to tackle climate change.
- OCTOBER 2023 TO DECEMBER 2024 | **KPMG Cyprus**
  Risk Consultant, part-time job. Model validation and model development projects for banks.
- JANUARY 2023 TO DECEMBER 2023 | **GROHE PART OF LIXIL**
  Data Analyst student, part-time job. Analysis and visualization of datasets using Power BI.
- JUNE 2022 TO AUGUST 2022 | **KPMG Cyprus**
  Risk Consultant, participated in the Summer Placement Programme 2022 for 8 weeks in the Advisory Department.
- JUNE 2021 TO JULY 2021 | **KIOS Research and Innovation Center of Excellence**
  Researcher, participated in the summer 2021 Undergraduate Research Opportunity Programme for 7 weeks.

COMMUNITY SERVICE EXPERIENCE

- JULY 2018 TO AUGUST 2019 | **Cyprus Army Service**
- JUNE 2017 | **First Aid Course**

LANGUAGES

- Greek (Native)
- English (Full professional proficiency)
- French (Elementary proficiency)

LICENSES & CERTIFICATIONS

- Behavioral Finance course (coursera)| Duke University
- SQL for Data Science course (coursera) | University of California, Davis
- Sports Analytics Professional Certification by Workearly Greece
- Pearson LCCI Level 3 Certificate in Accounting
- ECDL (European Computers Driving License)

HONORS & AWARDS

- June 2025 | **University of Cyprus**
  Best master's student Award from the Department of Mathematics and Statistics.
- June 2023 | **University of Cyprus**
  - Ranked 3rd overall in my graduating class in the Department of Mathematics and Statistics, Bachelor's degree.
  - Secured 2nd place in the specialization of Probabilities and Statistics, Bachelor's degree.
- May 2017 | **Cyprus Mathematical Society**
  Cyprus Mathematics Olympiad - Bronze medallion (2nd year of High School)
- May 2017 | **Cyprus Scientific and Technical Chamber (ETEK)**
  Action for energy competition – 1st prize (group project)

SKILLS

- **R:**
  - Projects in my Master's courses Statistical Simulation and Data Analysis, Probability and Statistics for Data Science, Statistical Learning, Time Series Analysis and Bayesian Statistics.
  - Model validation and model development projects for banks at KPMG Cyprus.
  - Projects in my Bachelor's courses Linear Models 1 and Statistical Data Analysis.
  - Project for the course Data pre-processing and Visualization at Umea University.
- **Python:**
  - Conducted a research project for my MSc titled 'Detecting overlapping communities in U.S. equity markets: A Bayesian network model approach', implemented using Python and NumPyro library.
  - Capstone Project 2024 – UCY & KPMG Cyprus: Collaborated on a group project to implement a recommendation engine for a retail client, under the supervision of mentors from KPMG and the University of Cyprus.
  - Projects in my Master's courses Introduction to Data Science, Data Manipulation with Python and Big Data Analytics (PySpark library, Apache Spark).
- **MATLAB:**
  - Project in MATLAB during the Undergraduate Research Opportunity Programme at KIOS.
  - Mathematics with Computers (MAS191) bachelor's course at the University of Cyprus.
- **Power BI:**
  - Used for creating interactive sports data dashboards and reports (Sports Analytics course).
  - Proficient in Power BI, creating interactive dashboards and reports at GROHE.
- **Tableau:**
  - Applied in-depth visualization techniques to analyse and present sports performance metrics (Sports Analytics course).
- **Teamwork & Collaboration:**
  Worked in diverse, cross-functional teams for academic and professional projects, including:
  - Team member for client-oriented projects at KPMG Cyprus.
  - Collaborated with students from the University of Cyprus, University of Bologna and University of Ruse as part of the 2nd Artificial Intelligence Camp.

HOBBIES & INTERESTS

- **Running:** Successfully completed the 2024 Athens Authentic full marathon, committed to achieving personal best times through dedicated training and endurance building.
- **Football and other sports**