

Panteleimon Mathioudakis

PERSONAL INFORMATION

<i>D. of Birth</i>	22 January, 1996
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<i>Portfolio</i>	https://github.com/panteleimonmath

Postgraduate from the department of Statistics from Athens University of Economics and Business, having also acquired a Master of Science in the field of Applied Statistics of the department of Statistics and Insurance Science from University of Piraeus. My primary scientific interest is data science, specifically the application of Statistical and Machine Learning models for the exploitation of useful information extracted from the available data. Furthermore, I am highly proficient in the use of programming languages as well as software that are essential in my scientific domain. Last but not least, knowing that success comes from team effort, communication with other team members is always a priority.

EDUCATION

M.Sc. Applied Statistics, University of Piraeus

2020-2022

Grade : 8.57/10 (Excellent).

Specializations : Statistical Methods in Data Science, Statistical Methods in Finance.

B.Sc. Statistics, Athens University of Economics and Business

2014-2020

Grade : 6.59/10 (Very Good).

PROJECTS

Master's Thesis

2021-2022

Multivariate models for spherical and elliptical data

Link: <https://dione.lib.unipi.gr/xmlui/handle/unipi/15232>

Grade : 10/10 (Excellent).

Advisor : Professor Markos V. Koutras, University of Piraeus.

Analysis of the family of Spherical and Elliptical distributions with applications in Statistical and Machine Learning models.

SKILLS

Operating Systems

- MICROSOFT WINDOWS.
- GNU/LINUX (DEBIAN, ARCH).

Programming Languages

- PYTHON. *Advanced knowledge and experience from the Master's degree and Bachelor as well as from my thesis. Courses that involved python development (indicatively) :*
 - *Statistical Methods in Data Mining (Course related to Data Mining and Big Data, preprocessing, Clustering, Classification e.t.c.).*
 - *Statistical Machine Learning (Python development in Machine Learning Models such as (indicatively) : K-Nearest Neighbors, Support Vector Machine, Naïve Bayes, Neural Networks).*
- R. *Advanced skills and expertise already from the Bachelor. Courses with R (indicatively) :*
 - *Introduction to programming with R/S-Plus.*
 - *Data Analysis.*
 - *Statistical Learning.*
 - *Generalized Linear Models.*
- SQL. *Knowledge in database management with the use of postgresql: Courses (indicatively) :*
 - *Statistical Methods in Data Mining (Descriptive statistics, preprocessing and exploration of data in postgresql).*

Software

- MICROSOFT OFFICE :
 - Word.
 - Excel. *Proficient in the Microsoft Office suite. Some courses in which Excel was used :*
 - * *Introduction to Statistics.*
 - * *Derivatives (Assignment using Excel aiming at creating Binomial and Black-Scholes models).*
 - * *Forecast-Time Series (Assignment for decomposing time-series data in components of trend, seasonality and residuals as well as presenting helpful visualizations.)*
 - Powerpoint.

Statistical Software

- *SPSS. Advanced skills already from the Bachelor. Courses of data analysis with SPSS :*
 - *Introduction to Statistics.*
 - *Regression Analysis and Analysis of Variance.*
- *MINITAB, STATGRAPHICS. Software that I have used from the Bachelor (Minitab) and from my Master's degree (Statgraphics) mainly for quality control processes. :*
 - *Course in Statistical Quality Control.*

Foreign Languages

- *English (Proficiency C2, Cambridge Michigan Language Assessment).*

HOBBIES, OTHER DIPLOMAS

Diploma of Sport, Coaching in Martial Arts

2019

Hellenic Ministry of Culture and Sport, General Secretariat of Sports

Training.

Participation in seminars as part of my athletic activities.