

# Angelos Papanastasiou

Data Scientist

## 👤 Profile

I am an aspiring Data Scientist seeking to utilize my knowledge in the industry. I have a solid mathematical background, programming skills, and the ability to analyze data. Looking for a challenging position in a company where I can grow professionally and personally.

## 💼 Employment History

### Data Scientist at RETAILZOOM, Nicosia

February 2021 — June 2022

- Complex data manipulation and report preparation.
- Implementation of machine learning models for predictions, and clustering algorithms.
- Developed price elasticity models, for identifying the price - sensitivity of multiple products across hundreds of stores.
- Developed and deployed custom shiny apps, for internal purposes.
- Implementation of appropriate algorithms to automate daily procedures.

### Special Research Scientist at University of Cyprus, Department of Mathematics and Statistics, Nicosia

September 2020 — May 2021

- My research focused on time series and specifically on change-point detection algorithms. My tasks included simulation design, statistical programming, and literature review of the state-of-the-art methods in change point detection.

## 🎓 Education

### MSc Data Science, University of Edinburgh, Edinburgh

September 2019 — August 2020

Grade: Distinction (77%)

Thesis: Analyzing patient flow with process mining and network analysis techniques (collaboration with Kings' College Hospital London).

Modules: Applied Machine Learning, Statistical Programming, Database Systems, Data mining, Probabilistic Modeling and Reasoning, Data Visualization.

### BSc Mathematics and Statistics, University of Cyprus, Nicosia

September 2015 — May 2019

Grade: First Class With Honours (8.64/10).

Modules: Linear Algebra, MATLAB, FORTRAN, Integration, Differential Equations, Complex Analysis.

## Details

+35799285827

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## Links

<https://github.com/apapan08>

[linkedin.com/in/angelos-papanastasiou](https://www.linkedin.com/in/angelos-papanastasiou)

## Skills

Git

Predictive Modeling

Strong Analytical Skills

R/Shiny

Python

Time series

## Hobbies

Football

## **Erasmus, Athens University of Economics and Business, Athens**

September 2017 — June 2018

Grade: 9.62/10

Modules: Theoretical Statistics, Multi-variable Statistical Analysis, Linear Models, Probability Theory, Non-Parametric Statistics, Sampling, Time Series Analysis, Stochastic Processes.

## **🧑 Internships**

### **Intern at CYENS, Nicosia**

June 2019 — August 2019

I have studied literature review on neural style transfer, experimented in Python with state-of-the-art libraries in deep learning, and investigated whether neural style transfer can be used to produce mosaic images.

## **★ Publications**

- Stochastic Workflow Modeling in a Surgical Ward: Towards Simulating and Predicting Patient Flow
- Generalized multiple change-point detection in the structure of multivariate, possibly high-dimensional data sequences. Anastasiou, A. & Papanastasiou, A. (2022+). In submission.