

Dimitris Papantzikos

Data Analyst



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 LinkedIn

 GitHub

 Photography

 Tableau Projects

PROFILE

As a Mathematics graduate, I decided to specialize in the field of **Data Science**, from Data Engineering, to Analytics and Forecasting. After fulfilling my military service I am currently working as a **Data Analyst**, while also pursuing a Master's degree in Mathematical Modelling and Computation at DTU. My **objective** is to work in a rapidly growing environment, with passionate people who love to share knowledge, pursue one common goal and as a result, advance my skills, all in the field of **Machine Learning and AI**.

CERTIFICATES

- Tableau Certified Data Analyst 

COURSES

List of all my completed courses [here](#) 

PROFESSIONAL EXPERIENCE

Recognyte

Data & Research Analyst

09/2023 – present | Remote

- **Reporting:** Taking full responsibility for end-to-end & Visualisations | SQL scripting in PostgreSQL with pgadmin4, Tableau Server Management | Creating scalable and automated Tableau Reports.
- **Automations:** Python scripting to automate data acquisition (e.g. web scraping) | Extracting information from large pools of unstructured documents with NLP techniques
- **Data preprocessing:** Mostly utilising pandas library along with Python's built-in methods to transform messy data into clean tabular formats | Feature extraction driven by business domain knowledge in order to add value to our data
- **Machine Learning:** Hands-on experience with ML models with the goal of a fully functional AVM

Data to Action

Data Analyst

11/2022 – 08/2023 | Athens, Greece

Taking responsibility for end-to-end projects, from **data gathering** (e.g. SQL queries in OracleDB, web scraping), to **data manipulation, feature engineering, visualization** (Tableau) and **forecasting** (scikit-learn in Python)

EDUCATION

M.Sc. Mathematical Modelling and Computation

DTU

09/2024 – 07/2026 | Copenhagen, Denmark

With a focus on Machine Learning, Deep Learning and programming.

B.Sc. Mathematics

Aristotle University of Thessaloniki

10/2016 – 07/2021 | Thessaloniki, Greece

With a focus on Data Analysis.

PROJECTS

Machine Learning Operations

Plant leaf health classification

01/2025

A team project for MLOps course, where we trained and deployed a model on Google Cloud, using Google Cloud's services as **VertexAI** for training, **Cloud Run** for deployment and **Cloudbuild** for **docker** builds. Version control with **git** and GitHub, **CI/CD** with GitHub Actions, **FastAPI** for the backend, **Streamlit** for the frontend and more.

Patient mortality classification

with Electronic Health Records

11/2024

A team project for **Deep Learning** course offered by DTU, where we re-developed the EHRMamba model for the Physionet2012 dataset with **pytorch**, utilised DTU's **HPC resources** to run on GPU and effectively achieved ~85% accuracy on early patient mortality prevention.

SKILLS

Python — pandas | numpy |
scikit-learn | pytorch |
selenium | fastapi | pytest |
streamlit | beautifulsoup

SQL — PostgreSQL |
Database management &
Monitoring | pgadmin4

Tableau — Tableau Server
Management |
Visualizations | Data sources

Linux bash scripting

Git — Github | Github
Actions | Continuous
integration | Continuous
development

R — Multivariate Statistics |
PCA | CCA | Visualizations

Microsoft SSIS

Copenhagen Apartments | BoligPortal

Rental Price Prediction

A team project for Introduction to Machine Learning course offered by DTU, where we implemented a **classical neural network with pytorch**, which **predicted rental prices** based on other apartment features, with a mean absolute error of 2000 kroner.

Other personal Tableau projects here

Open link to Tableau Public

AWARDS

Top 4% in Data Art & Storytelling Competition

Data2Speak / Alex Kolokolov

05/2024

Participated in Data2Speak's annual competition on Data Art & Storytelling and made it to the 20 final dashboards out of 500+ worldwide participations.

TALKS

Educative presentation at Tableau User Group

Athens, Greece

03/2024

I was grateful to be invited to an Athens Tableau User Group event to present two of my personal projects both on a high-level and on a how-to level.

VOLUNTEERING

Metadrasi

Mathematics Tutor

05/2023 – 05/2024 | Athens, Greece

Tutoring refugee children aged between 12-16 in various subjects of Mathematics

INTERESTS

Photography

Started as a hobby, but slowly became a side-income which helped me support my studies' expenses. Mostly social events, product and portrait photography.

Sports

Calisthenics | 1x Marathon | 1x Triathlon | Kick-boxing | Judo

Hiking / Camping