PANAGIOTIS KEFALAS

% Portfolio

in LinkedIn

GitHub

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◊ Thessaloniki, Greece

EXPERIENCE

Data Scientist

Freelancing (contract)

September 2020 - Ongoing

↑ Thessaloniki, Greece, Global

Worked in the E-Commerce, Environmental and Energy industry.

- E-shop revenue increase by providing dynamic pricing insights.
 [Scraping, cleaning, structuring web data. Google Sheets API data storing and reporting.]
- 90% accurate air quality monitoring sensor data reconstruction.
 [API batch data acquisition, missing values imputation, EDA, anomaly detection, feature engineering. K-means clustering, Linear Regression and Random Forest modelling.]
- Energy, weather, demographic data ETL to energy demand forecasting.
 [Data pipeline: API multi source data streaming, transforming, to AWS MySQL RDS. Ensemble time series modelling, FAST API, Docker, Heroku model deployment.]

Software Engineer

Kenotom P.C. Embedded engineering excellence (full-time)

Oct. 2022 - Ongoing

▼ Thessaloniki, Greece

Kenotom specializes in embedded systems software and industrial automation.

- OOP and data structures, system modeling, unit test automation and debugging, requirements engineering, control systems and simulation, version control. Jira.
- Excellent client evaluation received after 3 successful software releases to top automotive companies
- Optimized team's efficiency by developing clean coded automation scripts in MATLAB and Python

PROJECTS

Competitor price monitoring

E-commerce Analytics - Private Client

2023

▼ Thessaloniki, Greece

This tool provides the convenience of storing prices of competitor e-commerce platforms all the way to creating reports.

- Data scraping (bs4), cleaning and structuring (Pandas DF)
- Google API dataframe (gspread) to sheets and LookerStudio visualization
- View the sample project here: portfolio

PROGRAMMING

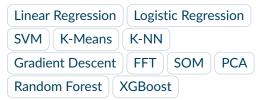
Python SQL MATLAB C



SKILLS

 Frameworks and Tools Pandas PySpark Numpy Scikit-Learn BeatifulSoup Selenium Matplotlib Python MySQL Seaborn **AWS RDS** Docker Heroku Git/Github **Google Analytics** LookerStudio Jira VS Code Bash

Models and Algorithms



Technical and Soft skills

Linear algebra Calculus Statistics
Probability Problem-solving
Optimization Fast learning

EDUCATION

Mechanical Engineer Masters Energy Production and Management

Aristotle University of Thessaloniki

Master Thesis: Analysis and modelling of air quality monitoring node data with computational intelligence methods

LANGUAGES

English German



INTERESTS

Python coding, AI and Tech news, Fiction Books, Chess, Tabletop RPGs, Weightlifting and coaching, Travelling, Guitar playing