POLLALI MARIA-ANGELIKI

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https://github.com/MariangelaPol

EDUCATION

National and Kapodistrian University of Athens
Master's degree: Computer Science · **Current Grade: 10/10**

📅 Oct 2022-Present 📍 Athens, Greece

Part-Time. Member of the **AI-Team**. **Teaching Assistant** at Artificial Intelligence and Data Structure Course.

National Technical University of Athens
Master's degree: Mathematical Data Science · **Grade: 9.42/10**

📅 Oct 2020-June 2022 📍 Athens, Greece

Thesis: "Latin Hypercube Sampling and Applications in Machine Learning" (10/10)

National and Kapodistrian University of Athens
Bachelor's degree: Mathematics · **Grade: 7.27/10**

📅 Sept 2015-Feb 2020 📍 Athens, Greece

Applied and Pure Mathematical Courses.

EXPERIENCE

EY
Senior Data Scientist

📅 May 2023-Present 📍 Athens, Greece

- Implemented efficient SQL procedures to monitor and oversee loan progression for a a Greek bank, utilizing SSMS T-SQL, Python, and QPR. Served as a key contact between senior bank management and the project. Additionally, skillfully directed and mentored a team of four professionals throughout the project.
- Conducted in-depth Analytics training for 100+ employees at Greece's leading telecommunications company, covering Oracle SQL and Power BI (M-Query, DAX, Visualizations). Also, led a team of two people.
- Supporting proposal development, effort estimation, project planning, coordination, task prioritization, and resource allocation to ensure the successful on-time and on-budget completion of over two projects.

Stout
Full Stack Engineer - Digital & Data Analytics

📅 Aug 2022-May 2023 📍 United States of America (Remote)

- Developed an API to automate Customer Attrition reports for the Business Valuation department, using Python (Flask) for the back-end and HTML/CSS/JavaScript for the front-end.
- Analyzed questionnaire data (Python and Excel) using ML techniques such as Decision Trees and Random Forests, and created visualizations with PowerBI (M-Query & DAX) for a U.S. transfer company.
- Successfully completed a Proof of Concept (PoC) project for Car Damage Recognition using Detectron2, CNN, and YOLO for a law firm in the United States.
- Designed and implemented a Bond searching feature using Razor Pages with ASP.NET, C#, HTML, CSS, and JavaScript.
- Conducted over 15 technical interviews for prospective candidates.

National & Kapodistrian University of Athens
Research Assistant

📅 Oct 2022-Present 📍 Athens, Greece

Working as part of **Madgik Team** for the Digital Assistant Interface for Digital Twin Earth (EU founded program). Tasks related to Visual Question Answering for Satellite Data.

Publications:
- *Benchmarking Geospatial Question Answering Engines using the Dataset GeoQuestions1089* ISWC
- *DA4DTE: Developing a Digital Assistant for Satellite Data Archives* BiDS'23

D ONE | Data Driven Value Creation
Data & Analytics Consultant

📅 Apr 2022-Aug 2022 📍 Zurich, Switzerland (Remote)

Data & Analytics Associate Consultant

📅 May 2021-April 2022 📍 Zurich, Switzerland (Remote)

- Managed end-to-end data processes, including extraction, transformation, modeling, and architecture design using Azure Synapse, Azure Blob Storage, SQL, M-Query, and DAX for Swiss Retail and Pharma sectors.
- Produced reports using PowerBI(PowerBI Service) and Tableau(Tableau Service) services for Swiss Retail, Pharma, and Consulting sectors.
- Conducted a Proof of Concept (PoC) on Assortment Optimization using KMeans, Regression, Databricks, Pyspark, and PowerBI for Swiss Retail.

DIADIKASIA BUSINESS CONSULTING SA
Junior Business Consultant

📅 Oct 2020-Apr 2021 📍 Athens, Greece

- Created an automated accounting tool using Excel VBA for the Greek Navy.
- Conducted logistics and inventory analysis for the Public Sector, utilizing Python and Excel.

Deloitte
Data Science Intern

📅 Feb 2020-May 2020 📍 Athens, Greece

- Conducted sales prediction time series forecasting (ARIMA, ARMA, and UCM) for the Retail Industry, utilizing Python and R.
- Developed a customized automation tool streamlining accounting processes for the Shipping Industry, leveraging Python and Bash.

LANGUAGES

Greek | Native Speaker
English | Certificate of Proficiency
German | Basics

TECH SKILLS

Software Tools: MS Office (Word, Excel, PowerPoint), PowerBI, Tableau, SPSS, Microsoft Visio, Azure DevOps(Git), Docker

Programming Languages: Python, R , Flask, Matlab, SQL, SPARQL, VBA, HTML, CSS, JavaScript, C#
Indicative libraries: Pandas, Numpy, Matplotlib, Scikit-learn, TensorFlow, Keras, OpenCV, SciPy, Dplyr, Ggplot2, mlr3

Cloud Services: Azure, Google Cloud

CERTIFICATIONS

Google Certified Professional Data Engineer,
Microsoft Certified Data Analyst,
Microsoft Certified Azure Data Engineer Associate,
Tableau Certified Associate Consultant

PROJECTS-VOLUNTEER EXPERIENCE

TEDxNKUA, GlaxoSmithKline (GSK), AIESEC and Business Talents Competition.