Katerina Charana

Aspiring data scientist with a strong mathematics background and foundational skills in Python, SQL, and data analysis. Skilled in problem-solving, project management, and collaboration. Eager to apply transferable skills and contribute to data-driven solutions in a tech environment. Committed to continuous learning and professional growth.

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✉ kate.harana@gmail.com

Github

Linkedin

Portfolio

WORK EXPERIENCE

11.2023 - PRESENT
Golden Deal S.A

Project Management on Data Commercialization
- Conducted market research and competition analysis to support product strategy
- Identified potential clientele and business opportunities
- Developed product proposals and designed optimized sales workflows

Sales & Support Representative
- Managed client communication and technical support
- Conducted manual QA testing on platform interfaces and workflows
- Performed data extraction and filtering using ElasticSearch for reporting and issue analysis

05.2019-04.2022
Computer Technology Institute & Press "Diophantus"

Payroll Associate & Project finance coordinator
- Extracted OLAP reports, processed and analyzed financial data
- Maintained and updated Singular Logic ERP/CRM records for personnel and payroll
- Responsible for processing payroll for all institute employees, ensuring accuracy, compliance, and timely payments
- Managed financial data for EU-funded (GSRT/TET) research projects, including budgeting, cost tracking, and audit preparation

EDUCATION

MSc Applied Mathematics (10.2022)
Hellenic Open University
Thesis: "Spectral Clustering on Gaussian Mixture Models"
Scholarship of excellence for the academic year 2021-2022

BSc Mathematics (04.2019)
University of Patras

SKILLS

- Python
- SQL
- CRM/ERP
- ML
- PowerBI
- LaTeX
- Elastic Search

CERTIFICATES

- **Azure Databricks & Spark For Data Engineers:Hands-on Project|** Udemy (ongoing)
  - Databricks, Spark, Delta Lake, Unity Catalog
- **Data Science & Business Intelligence Bootcamp** | WE LEAD & Code.Hub (2.2025)
  - Selected among 30 participants from 500+ applicants for a 4-month intensive training
  - Worked with SQL, Python, and data visualization tools.
  - Gained hands-on experience with data preprocessing, modeling, and predictive analytics.
- **Python for Machine Learning & Data Science Masterclass |** Udemy
  - NumPy, Pandas, Matplotlib, Seaborn, ML with Scikit-learn
- **SQL Bootcamp |** Udemy
  - PostgreSQL & PgAdmin, MySQL
- **Machine Learning |** Coursera

SOFT SKILLS

- Fast Learner
- Problem Solving
- Perseverance
- Analytical Thinking
- Attention to detail
- Adaptability
- collaboration
- Curiosity

LANGUAGES

- English C2
- French A2
- Spanish B2
- Portuguese B2