



Mikela Daphne Loizou Manske

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Education

B.Sc. in Applied Mathematics
(May 2025)
University of Crete, Heraklion,
Greece

- GPA: 6.52/10
- Thesis: *Gender bias in clinical studies: A statistical approach*

Certifications

- **IBM Data Science Professional Certificate** (Coursera) Python, Pandas, SQL, Data Visualization, Data Manipulation, Machine Learning 🔗
- **Power BI Basics: Requirements to Visualizations**, University of Washington (Coursera) 🔗

Languages

- **Greek** - Native
- **German** - Native (Bilingual)
- **English** - C2 (Full Professional, Languagecert)

Projects

- **Thesis: Gender bias in clinical studies: A statistical approach.** Research & statistical analysis on real-world clinical datasets. Data cleaning, preprocessing, and visualization (R). Hypothesis testing and regression analysis.
- **IBM Certification Projects:** Data analysis on real datasets, dashboards, and basic machine learning models.

Experience

○ Aug 2023 - Oct 2024

Athens, Greece

Supervisor, Teleperformance

- Managed and supported a team of call center agents, improving efficiency.
- Monitored and analyzed performance metrics to optimize processes.
- Strengthened communication and leadership in a fast-paced environment.

○ Dec 2021 - Jul 2023

Athens, Greece

Call Center Agent, Teleperformance

- Resolved customer issues with analytical problem-solving skills.
- Consistently met or exceeded performance targets.

○ Mar 2018 - May 2021

Heraklion, Crete

Waitress, Cocktail Bar

- Delivered excellent customer service.
- Multitasked effectively in high-pressure situations.

Technical Skills

- **Programming & Analysis:** Python, R, algorithm design and complexity analysis, pattern recognition & introductory machine learning
- **Data Science & Statistics:** Data analysis, statistical modeling, regression, hypothesis testing, applied statistics, stochastic processes, optimization methods, experimental design
- **Mathematics & Analytics:** Numerical analysis, differential equations, discrete mathematics, calculus, probability theory
- **Tools & Libraries:** Pandas, NumPy, Matplotlib/Seaborn, Scikit-learn, Jupyter, Microsoft Power BI (basics), RStudio
- **Databases:** SQL (basics)
- **Operating Systems:** Linux (Ubuntu, Debian)
- **Other:** Data visualization, data cleaning, research methods, bioinformatics, Microsoft Excel, PowerPoint and Word