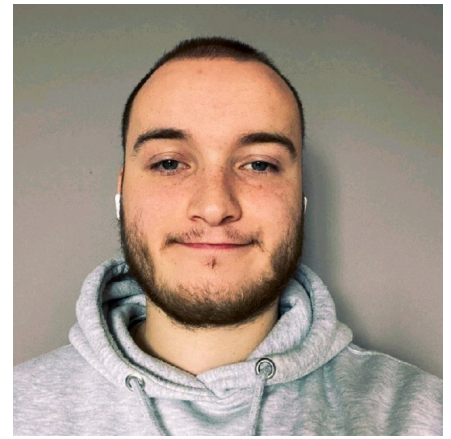# Mateusz Dalba

Machine Learning Engineer

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💬 Summary

Machine Learning Engineer and Data Scientist with over five years of hands-on experience spanning multiple industries. Proficient in AI/ML, Computer Vision, and GenAI, complemented by a robust knowledge of statistical and algebraic methods. Additionally, a committed Data Science Bootcamp instructor with a focus on a results-oriented approach and a solid software engineering foundation.

💼 Experience

2024-02 - present

AI Engineer

Unikie, Warsaw, Poland

Developing and maintaining a Computer Vision based software.
Designing and implementing optimization algorithm for glass pieces placement.
Designing and developing a chatbot to automate customer service and technical inquiries.

2022-03 - 2024-06

Senior Machine Learning Engineer

MLOps Group - Accenture, Warsaw, Poland

- Executed ML projects across diverse clients and industries, encompassing Computer Vision, Classical ML, NLP, Time Series, and GenAI.
- Managed the full cycle of Data Science & Web Development using Python, complemented by cloud platforms: Azure, GCP, and AWS.
- Implemented best practices with tools such as GIT, Docker, Azure DevOps, Jira, and Confluence in an Agile environment.
- Played an instrumental role in technical recruitment by conducting interviews and assessing potential talent.

2023-05 - 2023-12

Computer Vision Engineer

ZeroQS, Warsaw, Poland

Developed and implemented a bespoke Computer Vision algorithm from scratch, driving the core functionality of an intelligent shopping cart system.

2022-05 - present

Data Science Bootcamp Tutor

Future Collars, Poland

Tutoried several intensive 3-month bootcamps, imparting hands-on knowledge in:
SQL; Python; Machine Learning; Computer Vision; Advanced Data Analytics

Conceived and hosted a range of AI/ML/Data Science webinars, such as a session on creating a virtual personal trainer using machine learning.
Link: https://futurecollars.com/wydarzenia-fc/data-science-stworz-wirtualnego-trenera-personalnego-z-wykorzystaniem-uczenia-maszynowego/

Authored and curated course materials from scratch, ensuring a comprehensive and up-to-date learning experience for participants.

👤 Personal Info

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mateusz.dalba@wp.pl

LinkedIn
https://www.linkedin.com/in/mateusz-dalba-82184a115/

Citizenship
Polish

GitHub
https://github.com/mateuszdalba

Website
mateuszdalba.com

⚡ Skills

Machine Learning	★★★★★
Computer Vision	★★★★☆
Software Engineering	★★★★☆
Deep Learning	★★★★☆
Data Science	★★★★☆

🖥️ Software

Python	★★★★★
Azure, GCP	★★★★☆
Git	★★★★☆
Django, Flask, Streamlit	★★★★☆
SQL	★★★☆☆

🔤 Languages

English - C1

Polish - C2

German - B1

**2020-11
- 2022-03**

Data Scientist

Transition Technologies Science, Warsaw, Poland

Responsibilites:
- Execute ML projects in various industries (e.g. energy, medical, motorsport, fashion)
- Execute Image processing projects (e.g. detecting banknote for National Bank of Poland)
- Perform data analysis, processing, visualisation and presentation
- Deplyoing API's and Dashboards
- Supervise small team of junior data scientists
- Regular meetings with clients

Technology stack:
Python, Jupyter Notebook, Spyder, VS Code, Git, Docker, Pandas, Numpy, Sklearn, Matplotlib, Seaborn, Plotly, Tensorflow, Keras, Statsmodels, Scipy, Dash, Streamlit and more...

**2020-08
- 2020-10**

Junior Data Scientist

Transition Technologies Science, Warsaw, Polska

Intern in Research and Development department.

**2019-01
- 2019-04**

Data Analyst Intern

EY (Data & Analytics)

An international AML project for European bank in Malta

**2018-05
- 2018-12**

Junior Statistical Programmer

PAREXEL

Programming in SAS 4GL.

🎓 Education

**2019-02
- 2022-09**

Advanced Analytics - Big Data, Master's Degree

Warsaw School of Economics, Warsaw, Polska

Master's thesis - Deep Learning poisoning with backdoor attacks
Additional activity: Data Scientist with SAS

**2015-10
- 2018-10**

Quantitative Methods and Information Systems, Bachelor's Degree

Warsaw School of Economics , Warsaw, Polska

Bachelor's thesis: Modeling of tourism dynamics in Poland
Additional activity: Statistical Analytics with SAS

🛠 Projects

**2021-05
- present**

Python instructor

Private online classes for students in Python

**2015-11
- 2016-11**

AIESEC - an international non-governmental not-for-profit organization

🏅 Certificates

2022-12 ● **ML Practitioner**

Dataiku

2021-09 ● **Data Scientist with SAS system**

SAS Institute

2019-11 ● **The Complete Machine Learning Course with Python**

Coursera

2019-10 ● **The Complete SQL Bootcamp**

Coursera

2019-05 ● **Python for Data Science and Machine Learning**

Coursera

2018-08 ● **Statistical Analyst with the SAS system (License no. M008/2018)**

SAS Institute

2022-01 ● **Business English Course - C1 (CEFR)**

Warsaw School of Economics

2018-01 ● **Business English Course - B2 (CEFR)**

Warsaw School of Economics

2018-01 ● **Business German Course - B1 (CEFR)**

Warsaw School of Economics