

Magdalena Kowalczuk

Data Science Learner with a creative twist

Experience

Machine Learning Self Study 2021-currently

- Completed online courses on Coursera and DataCamp to establish a solid understanding of data and machine learning.
- Developed proficiency in handling tabular data by building models on Kaggle, reaching 493rd position as Notebook Expert
- Actively participated in Hackathons and Datathons, fostering cooperation and continuous learning.
- Won #Shesharp Hackathon in the Most Polished category
- Applied acquired skills by independently creating a portfolio of machine learning projects, critically evaluating my tech stack.
- Engaged in a Mentorship Program to gain insights into commercial applications of ML
- Volunteered with PyData Amsterdam and Berlin to build a network and stay up to date with the newest developments and business use cases of ML
- Contributed to 3 various open-source projects to improve my git, testing and documentation skills
- Improved communication skills through writing blog posts on Medium.com.

Dutch Teacher 2012-currently

- Enabled dozens of people to integrate better into the Dutch society, feel more at home in the Netherlands and reach their goals, for example transition from a physical labor to an office job.

Artist and Producer 2012-2021

- Created more than 200 murals/ graffiti portraits
- Produced music videos, the most successful reaching over 1mln views on YT.
- Organized workshops for Amnesty Int and Stedelijk Museum in Amsterdam

Education

Utrecht University
2007 - 2011
Artificial Intelligence

Didn't graduate

Data and machine learning enthusiast with a soft spot for open-source software. I constantly explore new challenges and polish my skills. Currently engaged in a mentorship program. I actively contribute to the open-source community while building my machine learning portfolio. My focus is on the commercial applications of data and machine learning. I excel at problem-solving, independent work and possess strong analytical skills. As a teacher and artist, I've learned to be resourceful and clear in communication. In my free time I paint graffiti portraits and do water sports.

Contact

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Stack & Skills

- data scraping with **python**
- data manipulation in **pandas** and **polars**
- data visualization in **seaborn** and **hvplot**
- building pipelines and models using **scikit-learn** and boosting algorithms
- building NN's in **tensorflow/keras**
- handling data and deploying models using **BigQuery** and **GCP**
- version control with **git**
- working in **zsh** terminal
- setting up/querying a database in postgresql
- querying and making a **REST API**
- resourceful problem solving
- ability to convey complex concepts in comprehensible chunks
- apt communication
- positive attitude and humor