



KLEST DEDJA, PhD

MACHINE LEARNING AND DATA SCIENTIST



CONTACT

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Driving Licence: B

EDUCATION

2017 - 2019

TU DELFT, THE NETHERLANDS

- Master in Applied Mathematics, (MSc, Ir.)

2013 - 2016

UNIVERSITY OF UDINE, ITALY

- Bachelor in Mathematics (BSc)

SKILLS

- Python expert:
 - scikit-learn, scikit-survival, numpy, pandas, matplotlib (5+ years)
 - statsmodels, scikit-image, pytorch (2+ years)
- R (2+ years)
- SQL, Linux, CI/CD (basic)
- Git, GitHub, (3+ years)

LANGUAGES

- English (Fully proficient)
- French (Fully proficient)
- Dutch (Good)
- Italian (Native)
- Albanian (Heritage)

PROFILE

With several years of experience in **Machine Learning** modeling, validation, and optimization, I specialized in **Explainable AI**, using advanced interpretability tools to generate **actionable, trustworthy insights**. I excel at identifying root causes of model under-performance, as well as defining meaningful prediction tasks from real-world data.

I have accumulated experience in **collaboration with medical experts** and decision-makers, ensuring that my projects are not only technically sound but also practically relevant. My academic path fostered autonomy, deep expertise, and gave me several occasions for mentoring students and professionals, while my start-up experience sharpened my communication skills with stakeholders.

My public projects (GitHub): [here](#)

My publications: [here](#)

WORK EXPERIENCE

Predikt.ai, Leuven, Belgium

2024 - 2025

AI Research Engineer

- Translate business requirements into technical specifications, investigate their feasibility, and deliver AI solutions in the field of **time series forecasting**
- Maintain internal technical documentation of owned features and guarantee knowledge sharing and onboarding

KU Leuven - KULAK, Kortrijk, Belgium

2019 - 2024

PhD student

- Develop **explainability tools for AI** models with non-standard output predictions (e.g. time-to-event in **Survival Analysis**), perform scientific research, software development, academic writing.
- Communicate with domain experts and tailor solutions to the clinical application at hand (**multiple sclerosis, acute kidney injury**).
- Additional projects in: **Active Learning, Datathons, Computer Vision**
- Mentor and **supervise students and professionals** during their summer projects or Master Theses

ABN AMRO, Amsterdam, The Netherlands

Credit Risk Modelling Intern

2018 - 2019

- Test and adapt existing tools for interpreting black-box model predictions, and validate findings with domain experts.