

Introduction to Responsible ML

Tutorial at UseR!2021

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Interested in Explanatory Model Analysis, model visualisation, applied predictive modelling, MLOps, XAI for tabular data.
The father of Beta and Bit.

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Hubert Baniecki

Bachelor in Data Science and works towards a Master's degree at Warsaw University of Technology. Researching machine learning in the context of explainability, adversarial attacks and interactive model analysis.

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Anna Kozak

Master degree mathematical statistics at the Warsaw University of Technology. Interested in explainable artificial intelligence and data visualization. Data Scientist with amazing organisational skills.

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Research Software Engineer and Data Science student at Warsaw University of Technology. Developer of tools for bias detection and fairness. Interested in responsible applications of deep learning.

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Agenda

- ~ 45 min: Life-cycle of predictive models, the story of four models
- ~ 45 min: XAI pyramid and deeper model analysis

Break

- ~ 35 min: Fairness and the do-not-harm principle
- ~ 35 min: Automate everything with modelStudio and Arena
- ~ 20 min: Q&A

Questions? let us know at slack now or during the workshop

All materials are at <https://tinyurl.com/RML2021>