



A Joint AI Call 2021 project

EXPLAIN



An explainable, interactive approach to machine learning

Project summary

EXPLAIN (EXPLAnatory interactive Artificial intelligence for INdustry) will create an end-to-end machine learning (ML) lifecycle for industrial domain experts that provides human supervision on artificial intelligence (AI) systems and ML models. This will increase the acceptance of AI/ML in industrial settings.

Consortium

Germany

ABB

eraneos

LEAG

TECHNISCHE UNIVERSITÄT DARMSTADT

Siemens Universität Hildesheim

Sweden

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BOLIDEN

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SÖDRA

UMEÅ UNIVERSITY

VIKING ANALYTICS

The Netherlands

TU Delft

mek marantz electronics ltd

PRODRIVE TECHNOLOGIES

signify

Project duration

May 2022 - May 2025

Expected key results

- > **Improved Trust in ML Models:** to enhance the trust of process experts in ML models, making it more likely that the recommendations of the models will be acted upon
- > **Increased Model Transparency:** to provide clear insights into the inner logic of models, making them more understandable and accountable to both domain experts and end users
- > **Collaborative ML Optimisation:** continuous feedback from end users will iteratively improve ML models, leading to higher performance and accuracy

EXPLAIN
project website



SCAN ME

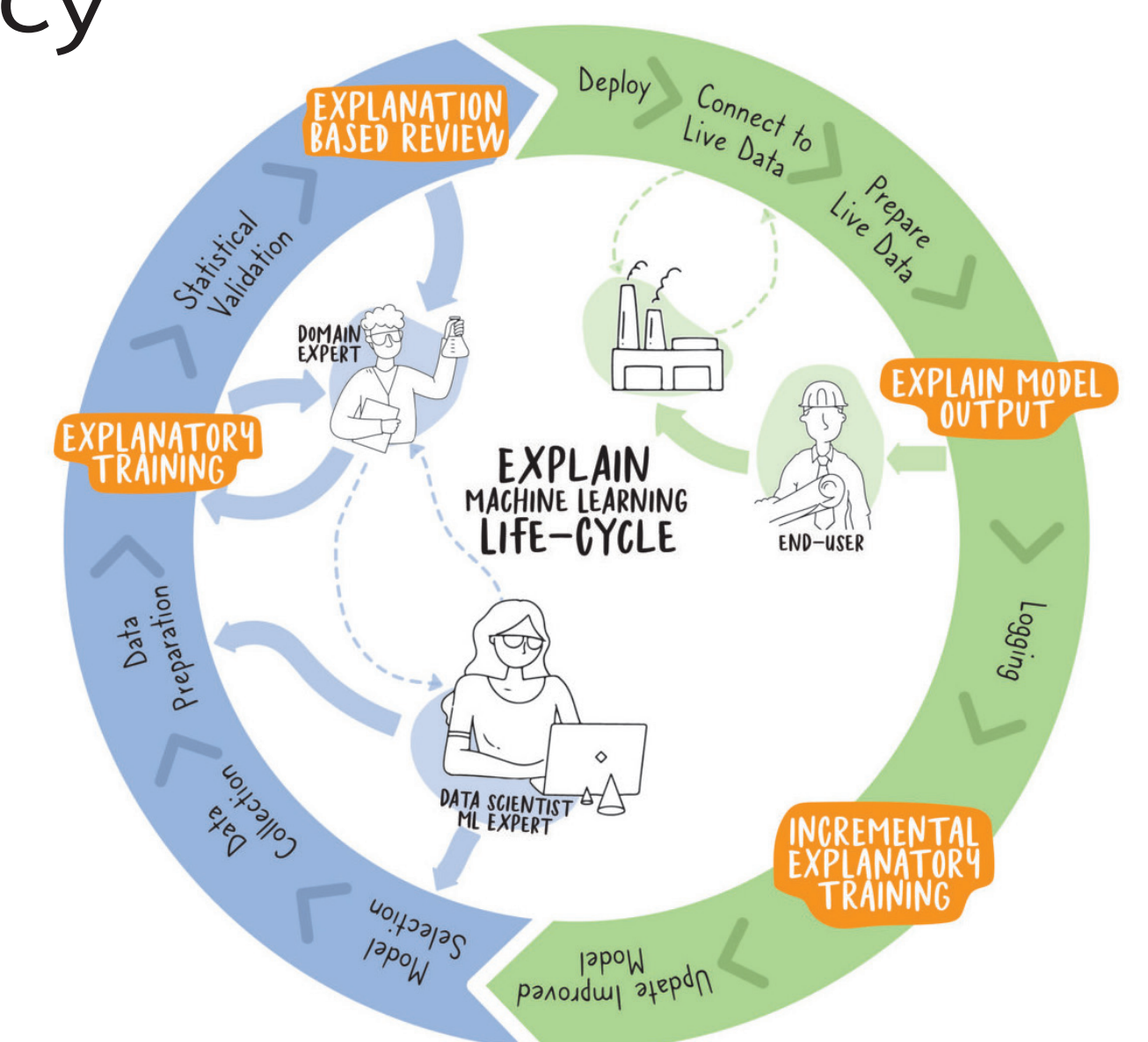
Dashboard
demonstrator



SCAN ME

<https://explain-project.eu/>

EXPLAIN ML LIFE-CYCLE



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