MACHINE LEARNING
MODEL VALIDATION FRAMEWORK
Performance... Explained

How do you make sure your models are performing as expected?

GAP ANALYSIS

VALIDATION FRAMEWORK

QUANTITATIVE REVIEW AND MODEL TUNING

MODEL INTERPRETABILITY AND EXPLAINABILITY

Machine Learning models, initially mostly used for marketing purposes, are increasingly serious contenders for various facets of risk management, such as:

- Processes control and Automation
- Resource optimization
- Detection and prediction

By nature, these models are going against certain expectations from the regulatory bodies in terms of governance and transparency, but their recognition is a matter of time.

Be ahead of the pack.

With a proven track record in Regulatory Compliance, Modelling and Model Validation projects, Finalyse will put its dedicated teams of multidisciplinary experts in Data science and Risk Management at your service.

Benefits

- Leverage on the experience of a multidisciplinary team of experts with extensive exposure to regulatory and non-regulatory models.

- Unleash the full power of your ML models: ascertain that you can justify their performance, interpret and explain their outputs and find the right balance in case of multi-objective trade-offs.

- Ensure optimal communication between your business lines, subject matter experts and the data scientists creating your ML models.

- Comply with the regulatory expectations of having a proper knowledge of - and widespread awareness around the models in use (TRIM, BCBS 2005, CRD Section II, CRR2 Art. 189 and 293).

- Benefit from our framework and governance set-up capabilities.

Business case

You are using an ML model to screen credit applications.
You are not aiming at minimizing the level of defaults, in fact, you are trying to optimise your risk-return payoff. And you want to do it in a way compliant with the European Regulatory Framework, implying e.g.:
- no implicit or explicit discrimination on certain demographics
- privacy respect / right to be forgotten
- actionability of the model and overall integration in the risk management framework and governance

Working with Finalyse on your Model Validation Framework will allow you to leverage on the broad experience we have accumulated in the area of risk management.