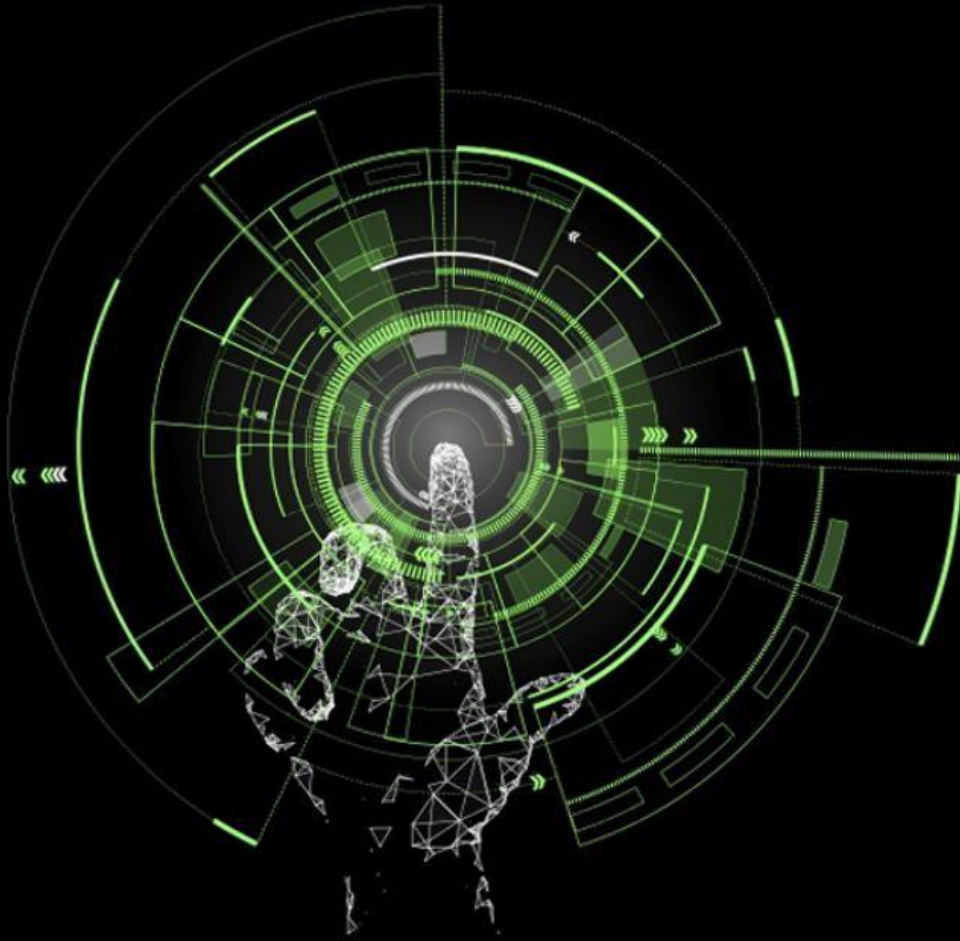


Deloitte.



Digital /AI Controls /Algorithms (DAICA)




Risk Advisory Deloitte

Unleash the power of AI/ML in Risk Management applications




As part of DAICA services, we help clients improve efficiency and automate processes that gain an advantage over competitors and save time.

Contact us to find out how to obtain DAICA services for your company.

What problems can you face as a client?

-  Mechanical work that is inefficient and prone to human error can be performed automatically
-  Lack of qualified staff to work on the development of machine learning
-  Collection and maintenance of data for risk evaluation is a very complex and lengthy process which can be automated and simplified

How can DAICA specifically influence and improve existing processes?

-  Time saved by passing the task to a computer can be used efficiently and leads to greater profitability
-  AI-driven models can not only efficiently present data and perform mathematical operations, but also provide better predictions and reactions to anomalies and threats
-  More information is available through continuous screening and data collection, resulting in more accurate predictions

Industry	Possible DAICA solution
Financial risks	<p>Artificial intelligence can efficiently process and evaluate big data. The benefits can be used in scoring models, early-warning systems or PD modelling. More broadly, AI/ML models can be used in stress testing, stress scenario selection and AI macro-modelling. Beyond financial risks, AI has recently been effectively applied in real-time fraud detection and AML (= Anti-Money-Laundering) prevention.</p> <p>DAICA services can also be used to optimize portfolios in order to achieve the highest overall profitability according to your defined risk. Using advanced analytics, we set key parameters determining how to diversify the different components of portfolios to guarantee higher returns at lower risk.</p> <p>Offered services will help with the development, benchmarking, selection and documentation of AI/ML models for financial risks. Given the regulatory territory in which AI/ML is applied, DAICA services also consist of model governance, model risk management and out-of-cycle model validation runs of rolled out or already implemented models.</p>
Cyber risks	<p>Based on historical data, our programs can identify potential threats and detect edge cases that can seriously compromise your security. The independence of the models reduces costs within Cyber Security and allows for more efficient resource allocation.</p>
Internal Audit	<p>Our artificial intelligence tools can automatically extract selected information from an electronic document thanks to their text recognition capabilities, ensuring maximum efficiency. Moreover, they work continuously, detecting any errors and respective risks in real time, not on an annual basis.</p>

Why work with us?

Experienced professionals

You will work with a carefully selected team of experts with the right mix of skills and in-depth knowledge of your control environment. Deloitte Czech Republic is part of the Deloitte Central Europe cluster, which enables extensive collaboration across the region. Our collective experience crosses sectors and brings balanced knowledge and new perspectives that result in the delivery of a high-quality service.

Clearly defined solution

Our output is a comprehensive solution tailored to the specifics of your organization. We provide a managerial summary of the key issues that your client will be most interested in. The documentation is naturally structured by topic to allow quick retrieval of any item and detail of individual processes. All of this is provided with respect to the rules and guidelines that the report must meet to be universally accepted by the standards.

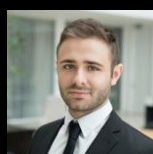
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