Akbank and H3M.IO raise the bar in Artificial Intelligence-based Compliance risk management with record precision levels in suspicious activity detection.

The first-ever large-scale application of Active Learning technology with over 16.5 million customers, and over 10 billion transaction data, significantly reduced false positives and enabled the detection of compliance risks, undetectable by legacy scenario-based tools.

Many banks around the globe suffer from an ever-increasing number of alerts and high false-positive ratios; at the same time, the UN reports that less than 2% of suspicious activity can be detected. "As Akbank, we are aiming to be one of the early-adaptors of AI in the compliance domain globally, and partnering with H3M.IO was a part of this key strategy. We believe that the best performance is always achieved where the domain knowledge of the experts is combined with the capabilities of IT systems. **H3M.IO KROTON software platform provides us with a platform to enhance our existing expertise to a new level with AI technologies.", said Mr. Selim Önal, Head of Compliance.**

89% REDUCTION IN WORKLOAD BY REDUCING FALSE POSITIVES

"The current AI applications in compliance suffer from the inadequate training datasets. Analysts can only investigate a handful of alerts from millions of daily transactions, 90% of which are clear, and only 10% are suspect. This is neither sufficient nor adequate to build effective data science models.", explained Tolga Kurt Ph.D., Managing Partner, H3M.IO.

The uniqueness of our application is the creative implementation of Active Learning (AL) technology. AL is about AI asking questions to learn, instead of memorizing and mimicking already labelled sample space. Every day the system investigates 10s of millions of transactions and generates questions for the analysts. AL enables a much more valuable sampling space and insights for the models, therefore increasing the precision of the models."

SUSPICIOUS ACTIVITY DETECTION ACCURACY