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# GenDeg

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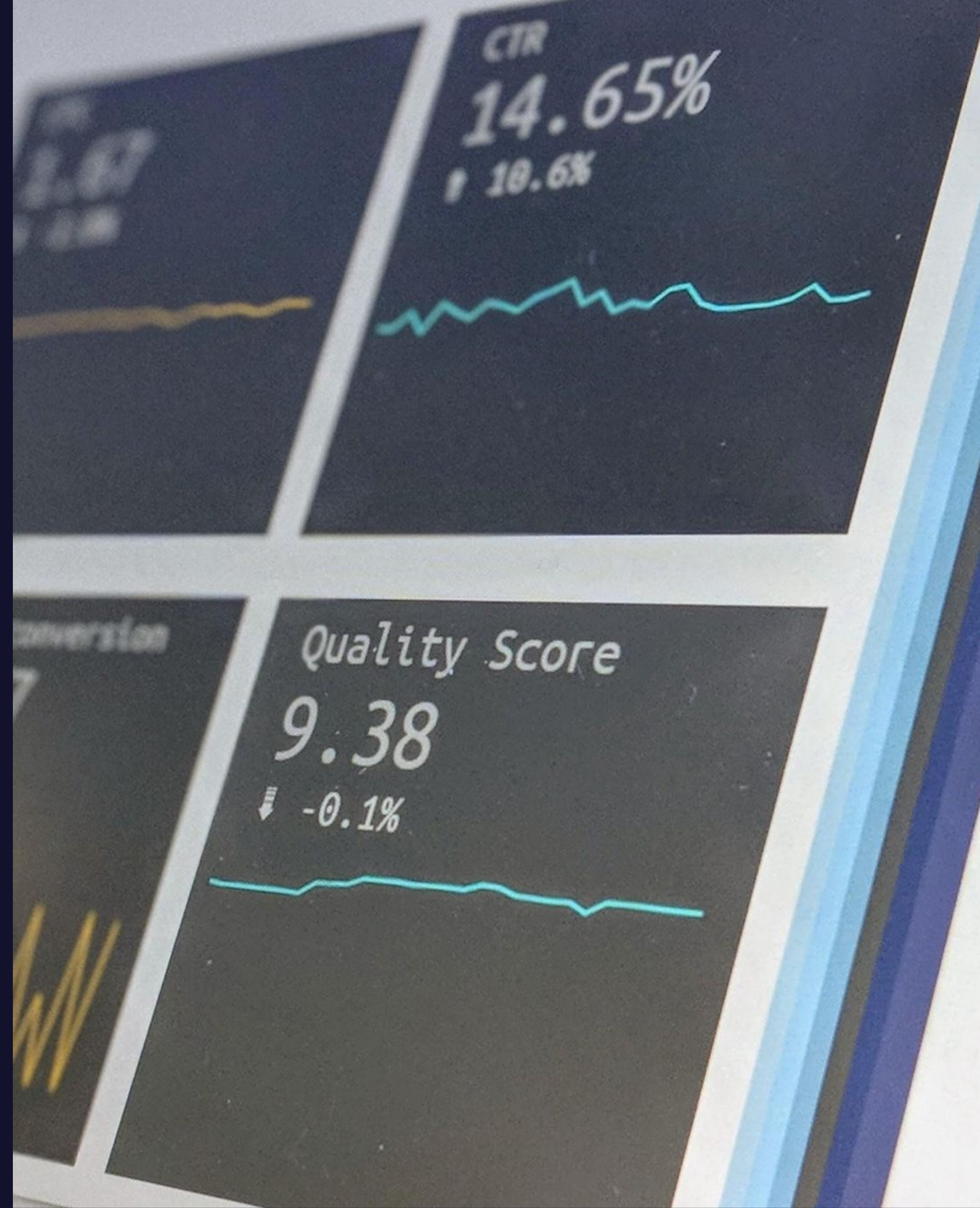




# WHAT IS *GenDeg*?

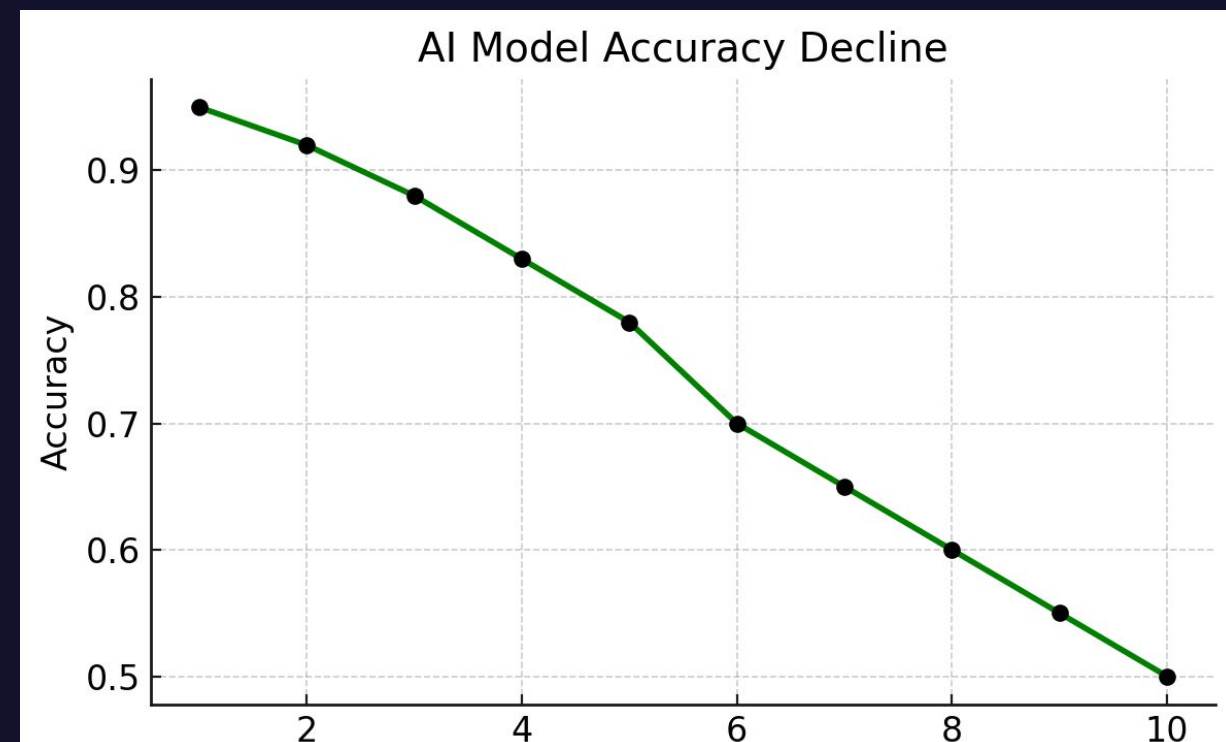
**Full Title :** Algorithms for identifying generalisation capabilities and degradation in time of machine learning predictive models to improve AI Investments, inbestMe and Holisun current products and services.

**Why is it important :** Monitoring already existing systems and finding inefficiencies in said systems could revolutionize the way investments are made



# The problem we address

Model degradation caused by:



Example of model degradation

**Drifting time series**

**Data quality and  
availability**

**Concept drift**





# THE PROPOSED SOLUTION

## Assessing generalisation Performance

- A models ability to predict results accurately based on new data
- Helps choosing models better

## Key research points

- Methods to determine a models ability to generalise
- Estimate results regardless of future time series run
- Analyze impact outside of the financial space

# IMPACT FOR STAKEHOLDERS

## Financial Sector

- Reduce costs
- Boost investment efficiency
- Detect models that might be considered degraded



## Predictive maintenance sector

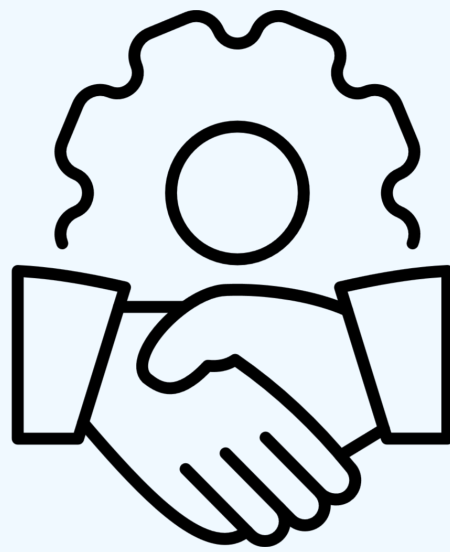
- Increases performance of real cases
- Potentially optimize other A.I. applications

# GREATER IMPACT

**Leveling the  
playing field**



**Bridging to other  
sectors**



**Bringing  
innovation in  
investing  
techniques**



# Thank you for your attention!



Learn more about us!

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