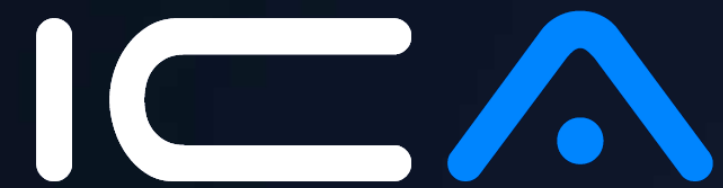


Stephane Rio
Founder and CEO



Data is Everything...
But how to use it efficiently?

Structured Data Collection and Use in the Financial Industry

Main Sources of Structured Data

- Customer data
- Market data
- Risks data
- Liquidity data

Key Analytics Applications

- Business steering
- Risk and liquidity management
- Capital management
- Regulatory reporting

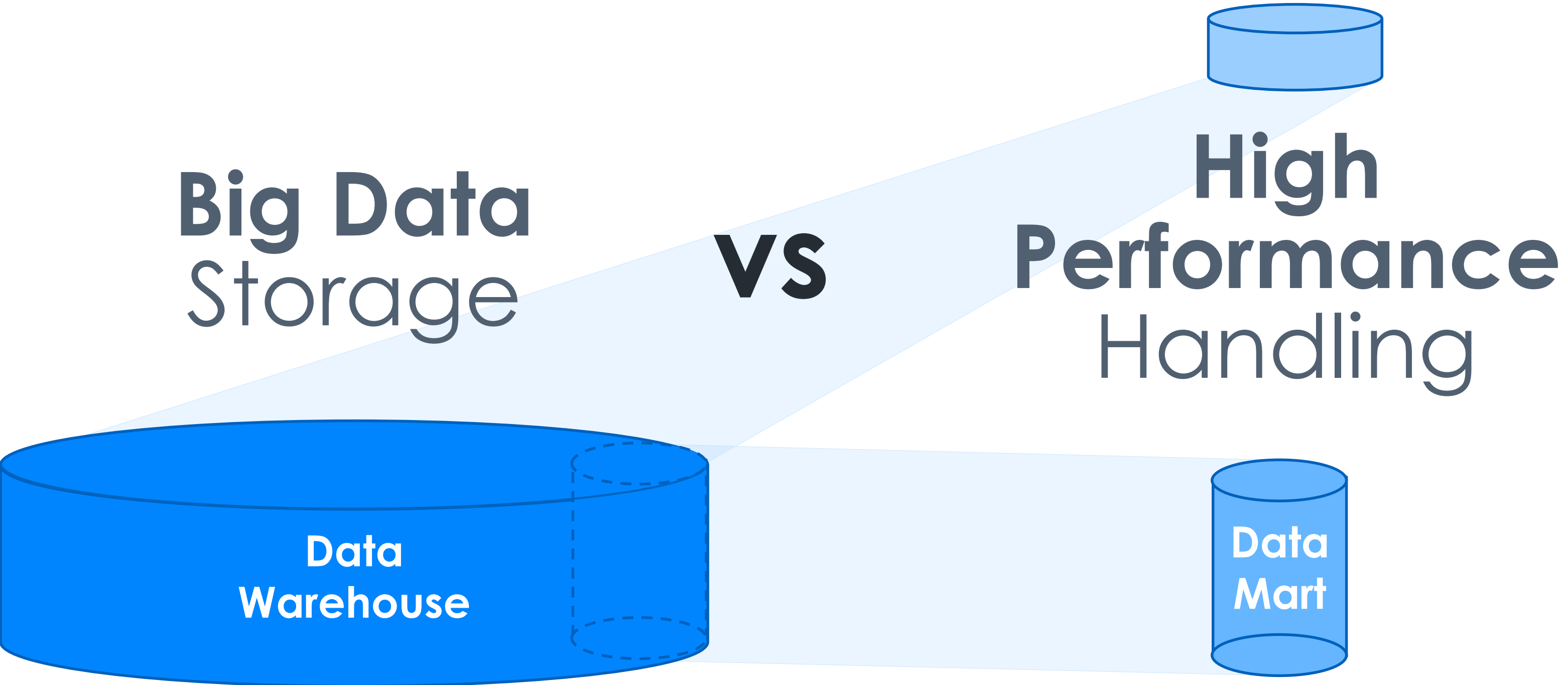
New Regulations

New Technologies

Digitalization

Cost reductions

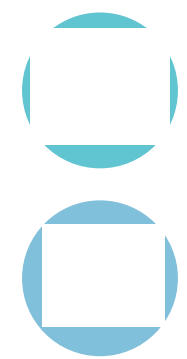
FROM: a Split Approach for Storing and Using Numbers



To: the best of both worlds

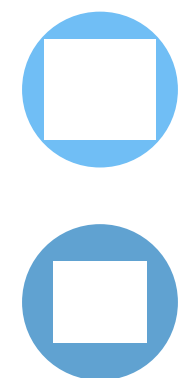
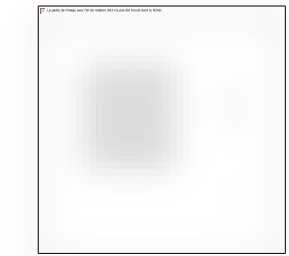
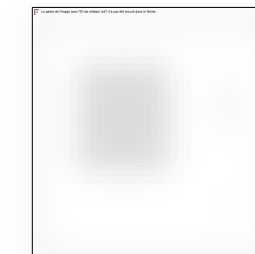
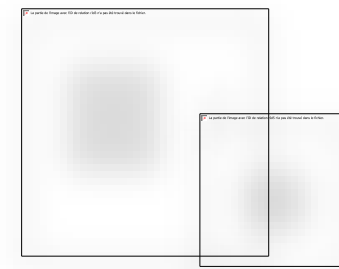
Big Data
Storage

In-memory
handling



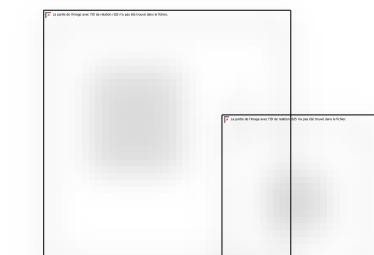
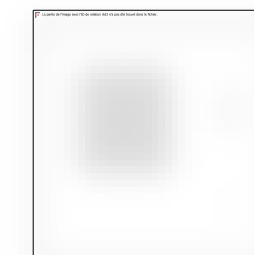
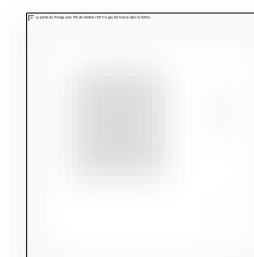
10S / 100S OF TO

UNDER COST PRESSURE



NEAR REAL TIME

DIRECTLY BY END USERS



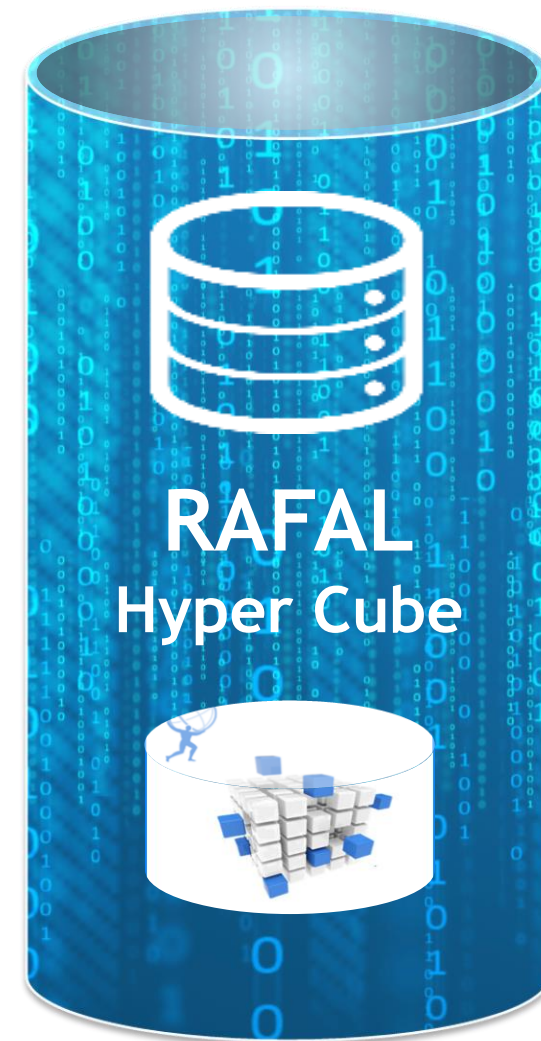
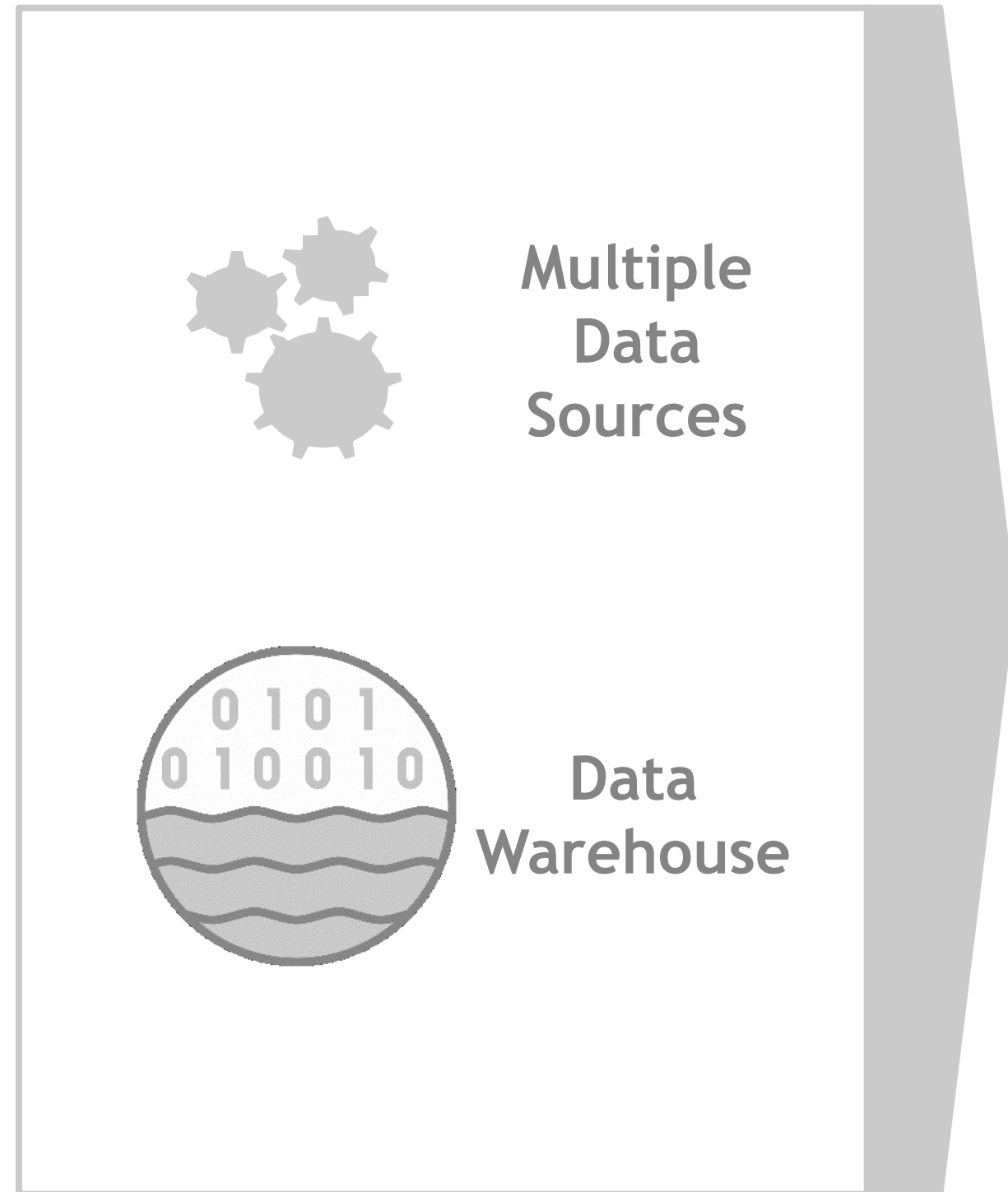
storage

handling

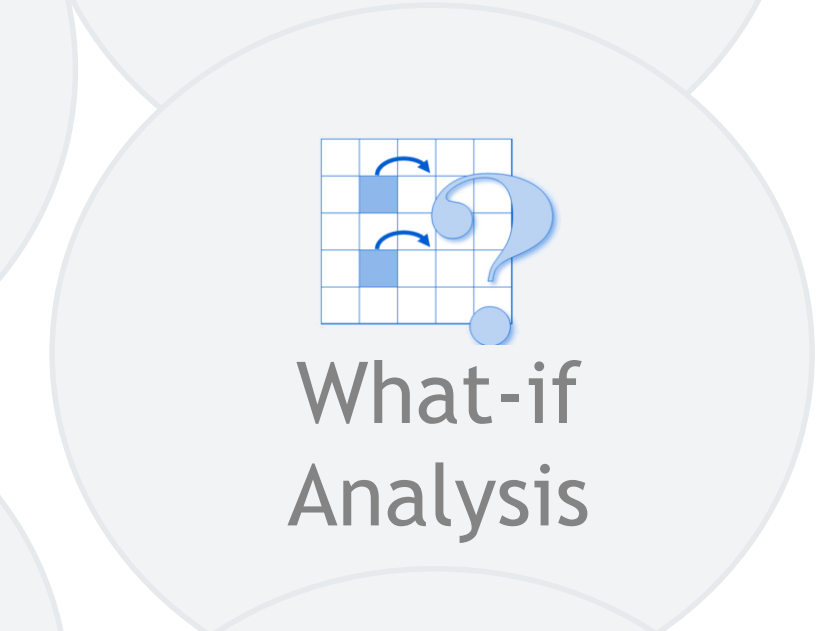
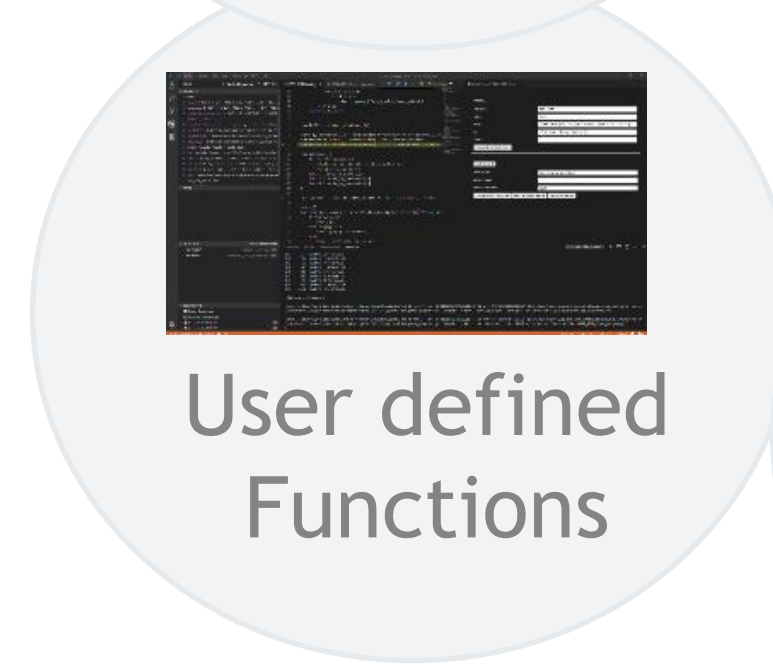
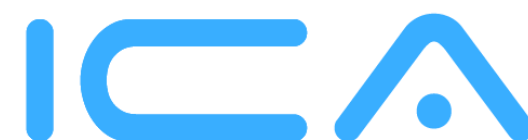
optimized

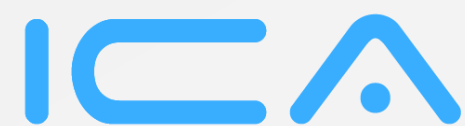
Technical and Functional Answer

“Excel for Big Data”



Infrastructure agnostic
Cloud
Multi cloud
Hybrid
On premises





Use Case



JEAN-FRANÇOIS GREGOIRE

Global Head of Markets
Société Générale



Dans le contexte actuel, Société Générale doit permettre à ses traders et risk managers **d'accéder au niveau d'information le plus granulaire et sur de longs historiques pour analyser les risques sous de nouveaux angles**. Nous étions limités sur le volume de données accessibles simultanément, ralentis par des temps de manipulations inadaptés et contraints par les coûts d'infrastructure nécessaires. En utilisant des innovations externes et **en collaborant avec ICA**, nous avons résolu ces problèmes et permettons à nos utilisateurs **d'analyser et piloter avec plus de justesse et d'efficacité nos risques et nos allocations de capital**.

“NEW FEATURES AND CAPABILITIES ARE A GAME CHANGER”

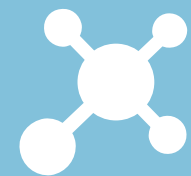
“PROCESSES WILL BE EFFICIENTLY TRANSFORMED”

“NEW USAGES WILL DEEPLY EMPOWER USERS”

Typical KPIs for Risk Management Use cases



Risk



Model Impact Analysis

1~2 months

Before

A few hours

After

>> Better risk modelling <<

Business



Capital Optimization

1%

RWA reduction

4~6 Mio €

saved / year

IT



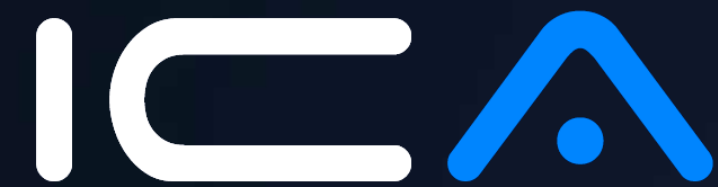
Hardware Cost

2~3 Mio €

saved / year

>> -80% <<

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+ 33 6 89 27 43 90



**Data is everything
... Use it !**