



AKUMENIA

VALYANS

ELEVATING DATA TO A STRATEGIC ASSET

History

AkumenIA is born out of the common desire between Moroccan consulting giant Valyans and AI pioneer AIOX LABS to create an African champion in Data & AI Products



AkumenIA owes its **growth** to the consortium's ability to find **cutting-edge solutions** to **recurring pain-points** across **several industries** and package them for reuse.

Our Core Beliefs:

A Blueprint for Revolutionary Use Cases

1

Activation as Existence

In our universe, only the actionable thrives. Each use case is a mission, propelled by the gravitational force of business needs towards producing impactful, actionable outcomes. This journey mandates a fusion of technical prowess and business acumen, ensuring a development path that's comprehensive, collaborative, and client-focused. A use case devoid of this synergy? Merely a shadow in the vast cosmos of potential.

2

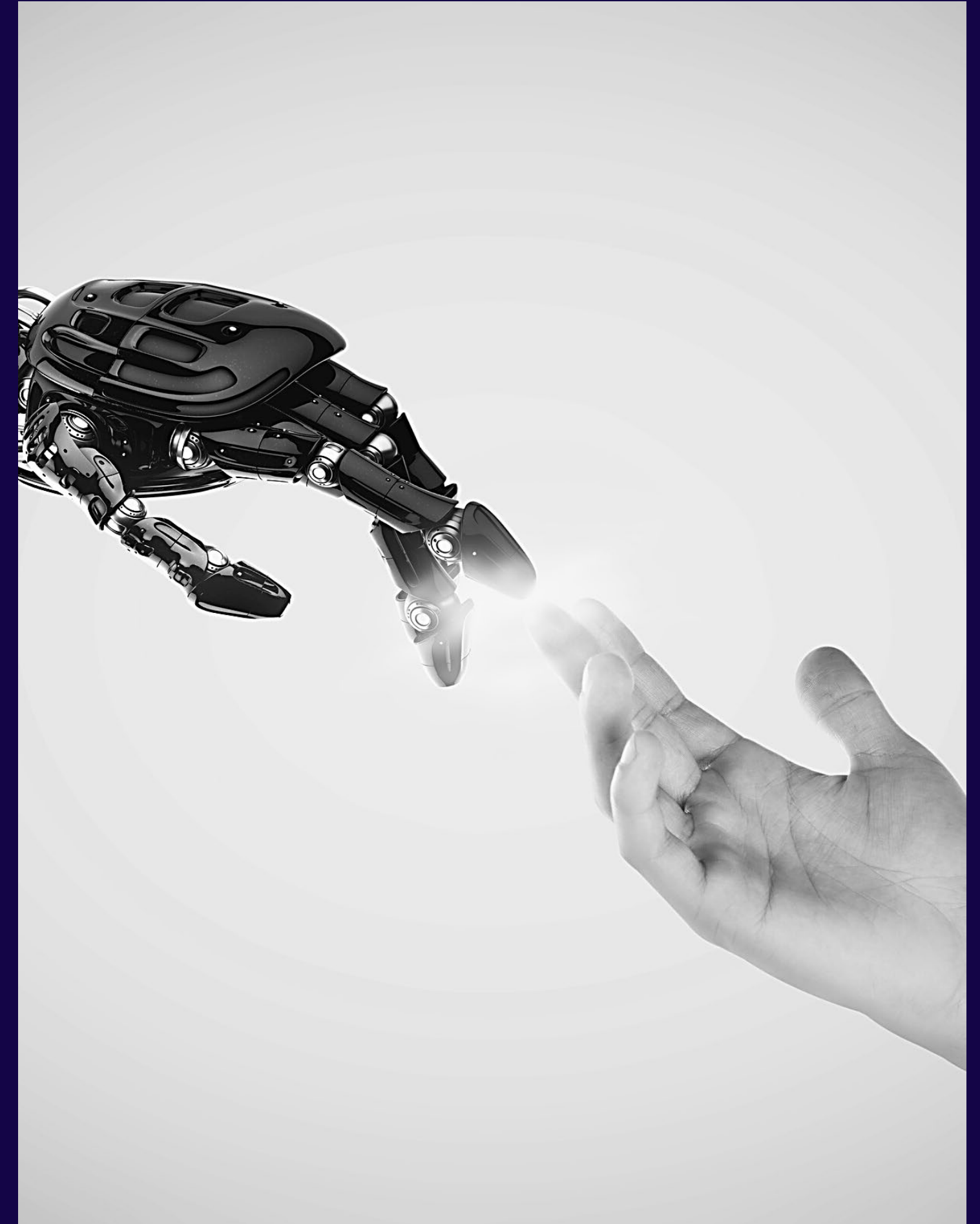
Industrialization as Existence

Our galaxy is expansive, filled with analytical use cases that demand a dedicated infrastructure to truly shine. For a use case to illuminate the darkest corners of business challenges, it must streamline business contributions while navigating through the nebulae of result presentation obstacles. Any venture lacking this analytical and integrated habitat? A fleeting comet, destined to disappear.

3

Measurability as Existence

The universe is in constant flux, and so are our analytical use cases. They evolve, adapting to the shifting sands of data landscapes, target behaviors, and the competitive firmament. Their survival hinges on their ability to be maintained, documented, and redeployed with agility. Code that doesn't embrace this adaptability? A star gone supernova, leaving behind a black hole of unsustainable projects.



A VALUE PROPOSITION LEVERAGING DISTINCTIVE ASSETS OF RARE COMPLEMENTARITY MOBILIZED FOR THE SUCCESS OF DATA PROJECTS

1



A deep understanding of the regulatory and business Data challenges of different sectors and their impacts in the Moroccan context



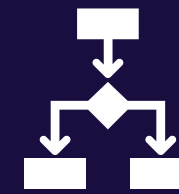
2



Data use cases with strong business impact thanks to recognized expertise in data technologies and deployment of Data Lakes, especially managed ones



3



A proven framework for implementing Data strategy and data governance at the enterprise level



4



A solid scientific foundation in data processing, Machine Learning, Deep Learning, AI, and distributed computing



AKUMENIA's strengths reflect the complementarity of its setup and talents, and its ability to meet assigned objectives under the best conditions of quality and timing.

6 SERVICE LINES

For tailored interventions

4. DATAOPS & DATA GOVERNANCE

Evolve, govern, and industrialize your data approach to adapt to the paradigms of processing massive amounts of cutting-edge distributed data.

5. DATA & AI USE CASE DEPLOYMENT

Address your business challenges with scientifically designed and monitored data science use cases.

6. BIG DATA PLATFORMS DEPLOYMENT

Build a robust, scalable, and reliable technological foundation natively integrated into your systems to achieve your ambitions.

1. AI STRATEGY& DATA VALUATION

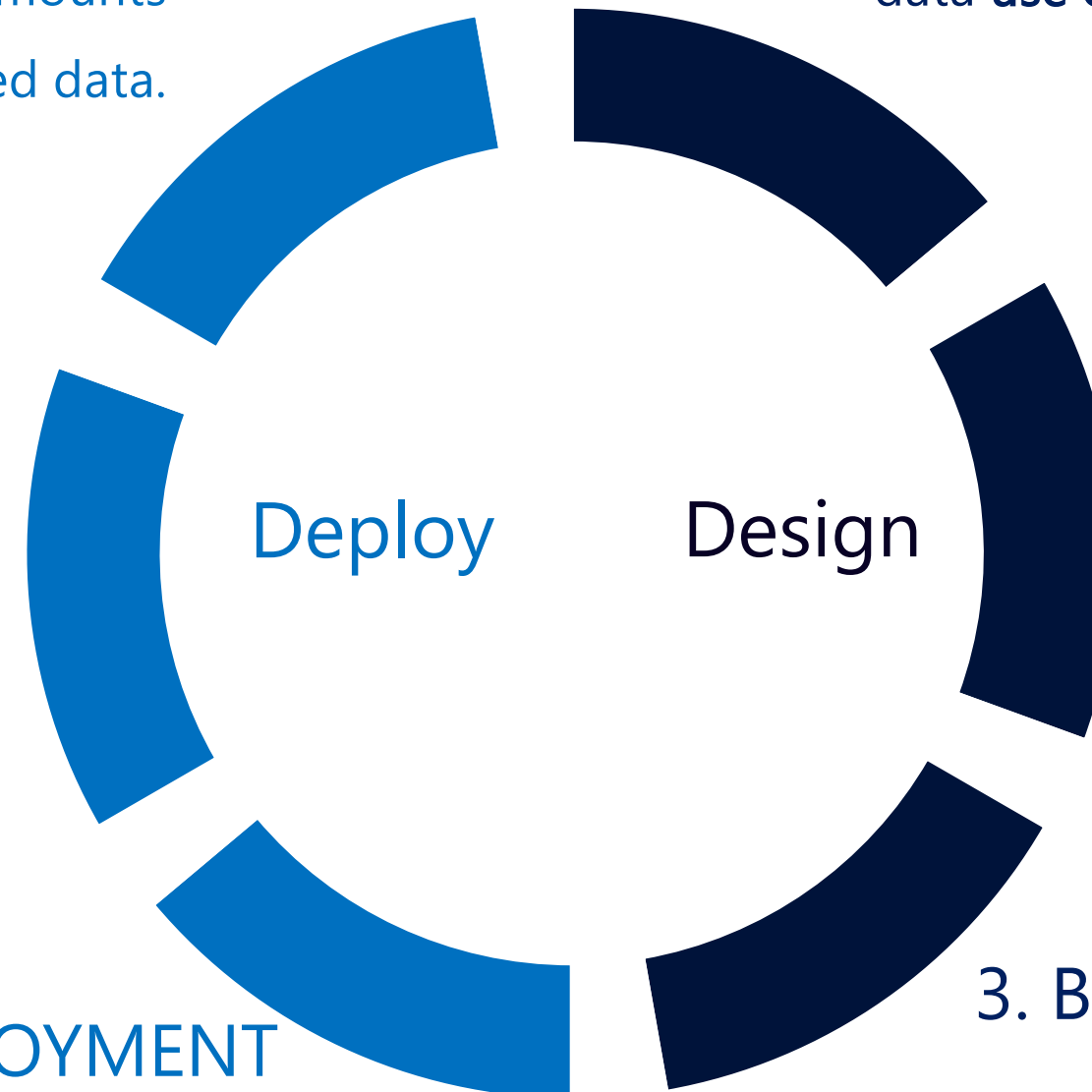
Build your data vision. Transform business challenges into data use cases and into precise and actionable insights.

2. AI & DATA USE CASE DESIGN

Determining the scope of requirements, roadmap for strategic use cases, and cost-benefit analysis, among others.

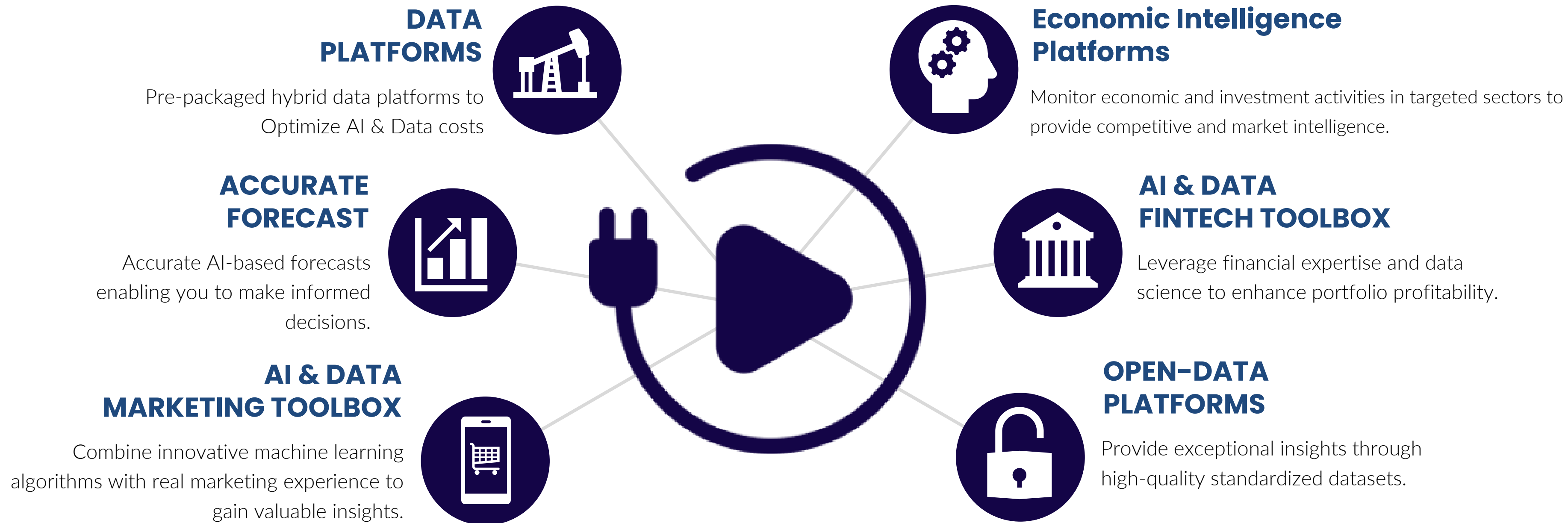
3. BIG DATA PLATFORMS DESIGN

Project framing for Big Data platforms, including relevant use cases, data sources, architecture, sizing, target technologies, personal data protection, and more.



6 PACKAGED PRODUCTS

For immediate return on investment



A MASTERY OF BIG DATA ENVIRONMENTS AND DATA SCIENCES TECHNOLOGIES

AI Technologies



COMPUTER VISION

Object and situation
detection - KYC -
automatic counting -
satellite image analysis
- security - quality
monitoring



LLM

Multilingual customer
listening - dialect mining
- automated assistance
- conversational agents
- call center optimization



SMART MARKETING

Customer segmentation
- recommendation
engine - anti-churn - life
moments - customer
value - marketing
automation



COMPLEX OPTIMIZATION

Logistics and
transportation
optimization - optimal
deployment and network
meshing - inventory
management - HR
planning - dynamic
pricing



COUNTER FRAUD

Fraudulent transaction
analysis - fraud pattern
detection - reduction of
fraud combat costs -
outlier identification

Big Data Technologies



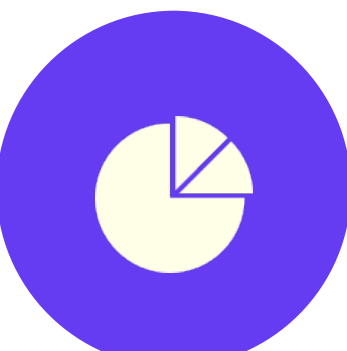
DATALAKES & ELASTIC DATA PLATFORMS



DATA STREAMING & REAL TIME PROCESSING



END-TO-END AI DATA PIPELINES



ADVANCED ANALYTICS HUBS

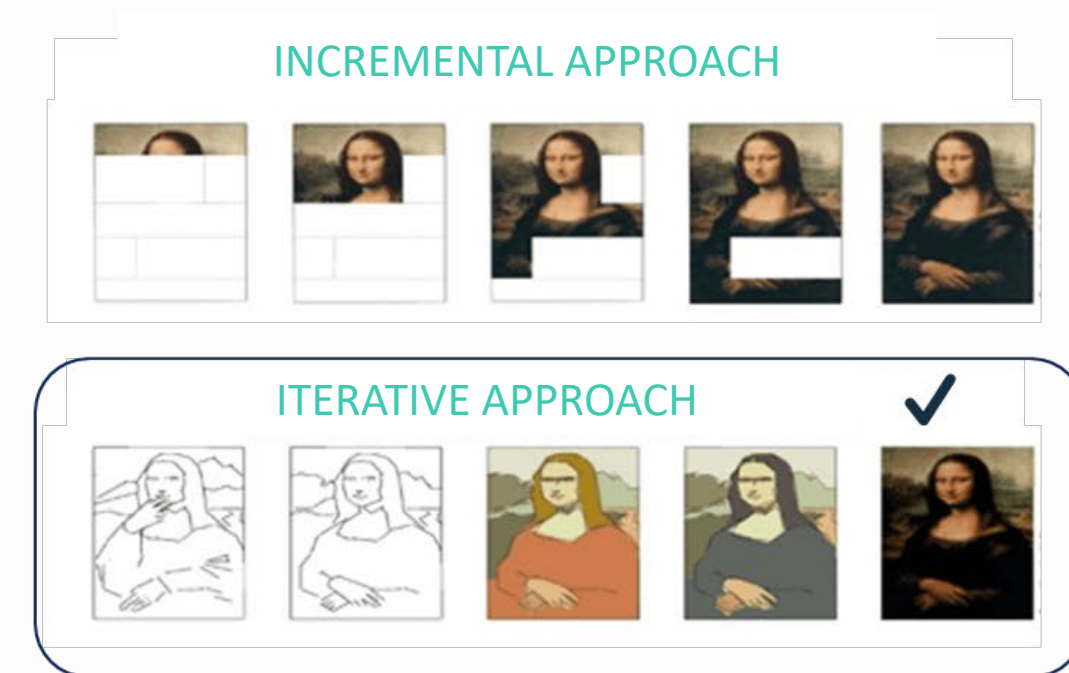
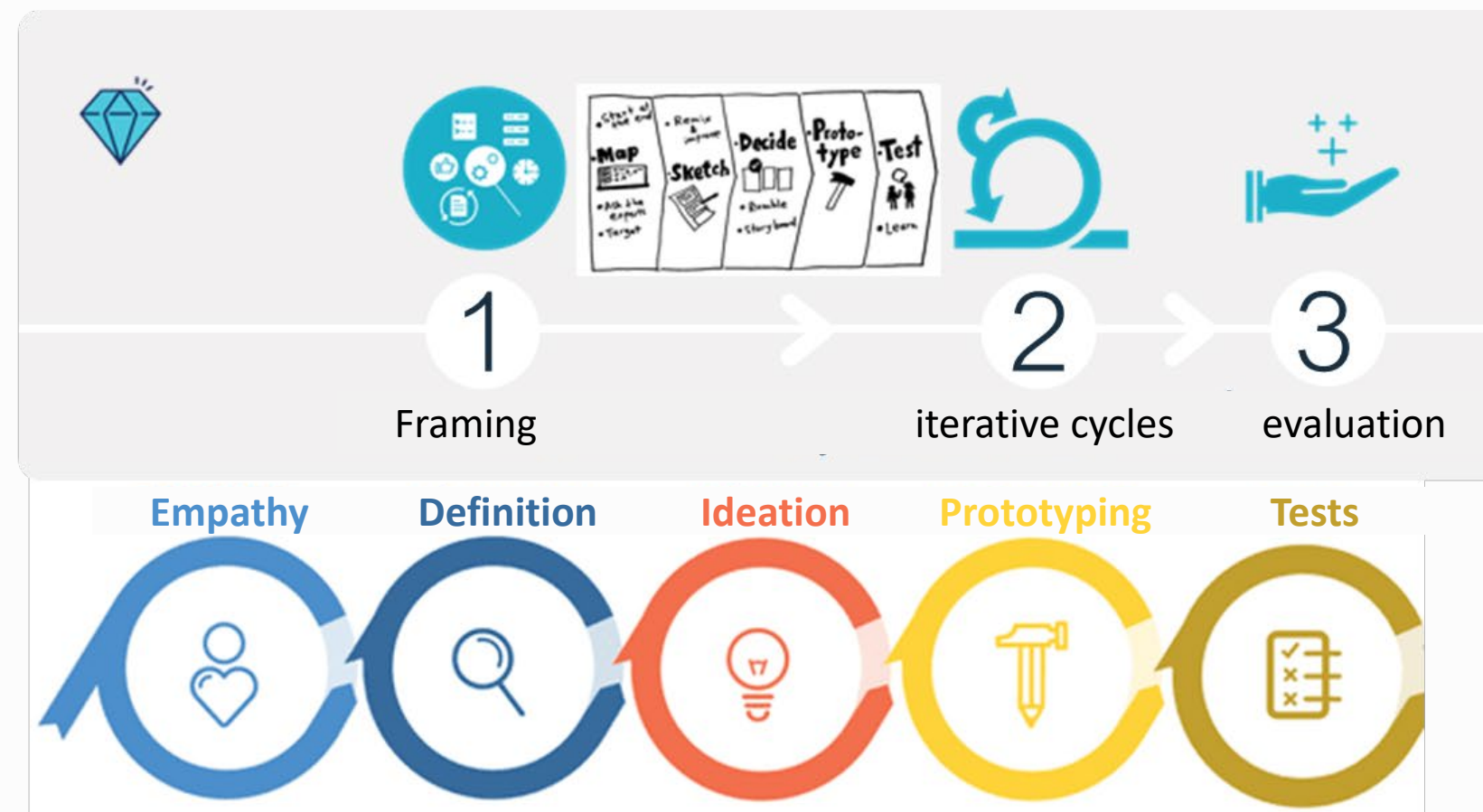
A COMPREHENSIVE ARRAY OF TECHNOLOGIES POWERING AKUMENIA'S FULL-STACK VISION



A FRAMEWORK SUITED TO ALL TYPES OF DATA PROJECTS, BASED ON THE AGILE APPROACH

Illustration

Our frameworks advocate for strong interactions between business and technical teams throughout the deployment of a use case...



The adoption of agility, particularly through short iterative cycles combined with design thinking methods that place the service user (the business) at the heart of use case development, proves to be key to maximizing project impact and activating use cases into business actions.

Approach applied to all Data domains
(data strategy, Data delivery, data science use cases, etc.)

TEAM

Management



Mehdi Belbacha
Principal



Zouhair Jamal Bennis
Chief Executive Officer

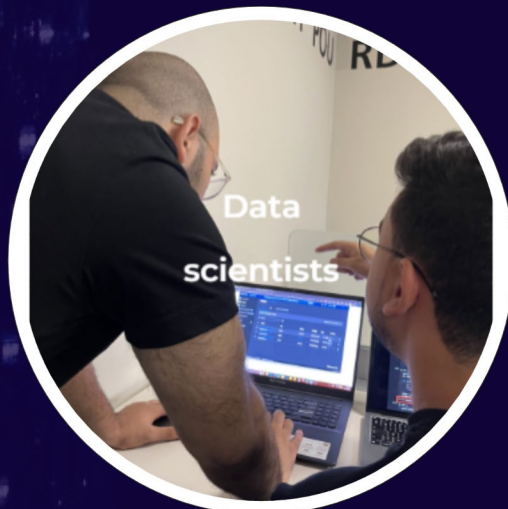


Wail Benhaddou
Chief Technology Officer



Meriem Ezzakraoui
Chief Data Science Officer

Broader team



Data Scientists
Artificial Intelligence
& Data Analytics



Data Engineers
DevOps, Pipelines,
& Architecture



Product Owners
Product & Account
Management

Chairwoman of the Board



Nawal Khayatei

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LET'S CONNECT & EXPLORE YOUR
PATH WITH AKUMENIA