
R3AL.AI

90% of AI Compute is Wasted
75% of Teams Struggle to Scale
AI Efficiently and Reliably
We Optimize Models for Sustainable Impact

The challenges in AI today

NOISY OR INCOMPLETE DATA:

Traditional AI struggles to handle real-world variance, resulting in inaccurate predictions and low certainty.

OVERTFITTING:

Models overly tailored to training data fail in unseen environments, limiting reliability.

COMPUTATIONAL INEFFICIENCY AND SUSTAINABILITY:

SOTA AI models require high computational power, emitting significant CO_2 , making them costly and environmentally unsustainable.

DATA REQUIREMENTS:

SOTA AI models demand vast amounts of high-quality training data, which is costly and difficult to collect for many companies.

The AI Optimization Company

CORE INNOVATION

Epistemic AI

40%...

Reduction in Inference Time compared to SOTA.

DATA EFFICIENCY

Operates accurately with less data and excels in handling Out-of Distribution (OOD) data, making it ideal for real-world applications.

SUSTAINABILITY FOCUS

Reduced computational power requirements to lower CO_2 emissions.

SUPERIOR ACCURACY

Outperforming traditional models in reliability tests.

Early Progress with...

Spoke with the CTO, who is highly interested in testing our solution. Their team is deeply focused on AI sustainability and has a direct need to make their models faster and more data-efficient, perfect alignment with the problems we solve.

polysense

nuclivision

In conversation with the CTO, who highlighted a pressing need for increased reliability in their PET scan recognition models. They're seeking lightweight optimization to boost model performance in medical use cases without incurring high compute costs.

Engaged with a vision engineer working on custom models for a wide range of client use cases. They saw strong potential in using our solution to reduce training time and speed up deployment, without increasing infrastructure costs.

ROBOVISION

PIPELINE

- contextual.ai
- TECHWOLF
- ML6
- FAKTION

Global AI Market

MARKET SIZE & GROWTH:

$196.6 billion in 2023, projected to grow at

36.6%
CAGR through 2030

COMPETITIVE LANDSCAPE

Most AI optimization tools are narrow and architecture-bound. We're building a flexible, widely applicable platform designed for all AI teams with room to grow into a full optimization suite.

TOTAL ADDRESSABLE MARKET:

companies actively developing their own AI models is significant, with projections indicating a market size exceeding

$100 billion by 2025

Meet The Visionaries

Founder

ARSHIA
SHARIATMADAR

WINTER CIRCUS

entourage

MACIT

Founder

KEIVAN
SHARIATMADAR

KU LEUVEN

Epistemic AI

TU Delft

Saving Costs & The Planet

COST SAVINGS

Companies using SOTA models spend heavily on computational resources

We reduce these costs by up to 40%, saving significant financial resources.

SUSTAINABILITY IMPACT

SOTA models emit tons of CO_2 annually.

We lower CO_2 emissions by 30–40%, making AI environmentally viable.

SIMULATION EXAMPLE

Example Company X spends $1M annually on SOTA AI models.

With us, they save $400K and significantly reduce their environmental footprint.

Growth Engines

Open-source model for community adoption

AUDIENCE

PRODUCT ACCESS

API licensing from our SDK for pay-per-use model.

Subscription model for access to our premium modules from our SDK.

RECURRING REVENUE

GLOBAL INFLUENCE.

Becoming the number one AI optimization partner worldwide.

Path To Market Leadership

01

Release open-source model & SDK for visibility and credibility.

02

Drive inbound via open-source; build outbound pipeline for AI companies with targeted campaigns to CTOs and engineers.

03

Scale campaigns globally with a focus on direct outreach in the developer tooling space.

What Makes Us Unique

SUPERIOR ACCURACY:

Reliable predictions with quantified uncertainty.

LOWER COSTS:

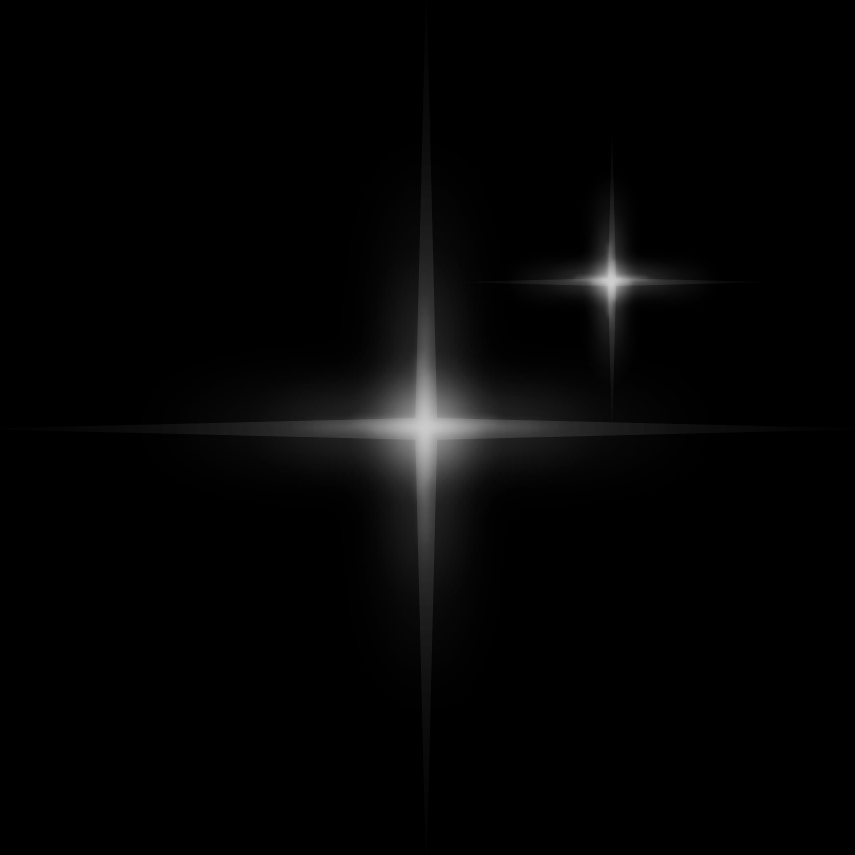
Reduced data input & computational and environmental resources.

SCALABLE DESIGN:

Optimized for real-time and diverse applications. Can be used in any AI architecture (vision, LLM's, voice, etc...)

SUSTAINABILITY

Models designed to minimize carbon emissions while delivering high performance.



Thank You

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R3AL.AI
pip install r3alai