aisot | Spin-off | ETH zürich | AI made in Switzerland

aisot AI Insights Platform: Institutional AI Infrastructure for Asset Management

The AI Insights Platform is a closed, institutional-grade AI platform that integrates financial economics, machine learning, and robust portfolio construction. Designed to complement the decision process for quant teams and portfolio managers alike, it adds a structured modeling and risk layer without changing the underlying investment philosophy.

Data Foundation

aisot operates on **professional-grade data** from established market data vendors, including:

- Market data (prices, volumes, corporate actions, etc.)
- Fundamental data (balance sheets, income and cash flow statements, etc.)
- Macro-economic data (interest rates, etc.)
- Multilingual news and event data

All data is sourced from regulated, professional providers.

The platform **can also ingest proprietary or internal datasets** where required, allowing institutions to incorporate their own signals, research outputs, or alternative data within the same framework.

Modelling Architecture

The system combines:

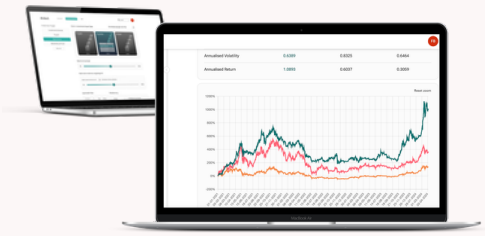
- Economically grounded **return priors**
- **Machine learning pricing models**
- Independent **proprietary risk models**
- Constraint-aware **portfolio optimization**

Forecasts for live portfolios and simulations are delivered with calibrated **confidence estimates** and are versioned to ensure time-consistent simulations and model governance integrity.

Use Cases

Institutions typically use aisot as:

- An additional **alpha signal source**
- A **systematic risk management tool**
- A **portfolio construction** layer
- **Research accelerator** for internal teams



The aisot process

From raw data to portfolio decisions, the process follows a structured sequence (see graph page 2):

1. **Data Ingestion & Validation:** Professional vendor data and optional internal datasets are cleaned, standardized, and version-controlled.
2. **Baseline Financial Modelling:** Expected returns and risk are estimated using established asset pricing principles, such as CAPM or APT.
3. **AI Signal Refinement:** >55 proprietary Machine Learning models analyze structured and textual data to identify additional patterns.
4. **Structured Integration:** Financial models provide a baseline view, AI models suggest adjustments based on additional data patterns, and risk models assess potential exposure. These inputs are brought together in an allocation process that prioritizes robustness.
5. **Portfolio Construction:** Portfolios are generated under real-world constraints such as liquidity, tracking error, and concentration limits.

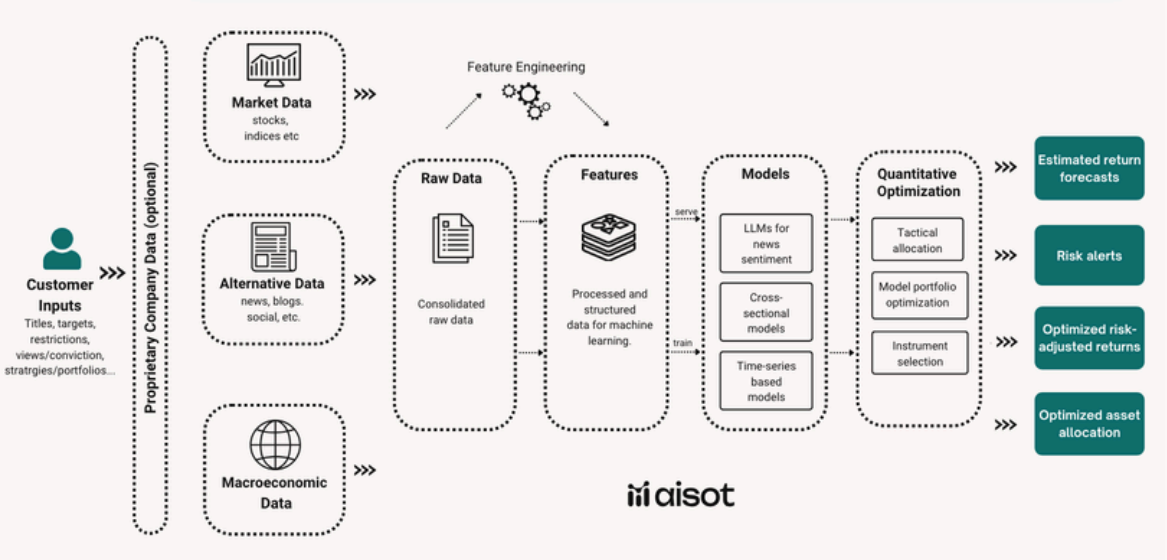
The entire workflow is auditable, supporting institutional governance and model review processes.

Results*

90%	20%	+63%
Time savings for portfolio optimization, research and reporting tasks	Lower drawdowns in portfolios	Higher risk adjusted performance (Sharpe)

**Relative average difference over the last 30 portfolios on the aisot AI Insight Platforms as compared to the respective benchmarks. State of December 14, 2025.*

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Schematic view of the aisot AI Insights Platform process

Controlled Architecture

aisot operates a **closed-source, agentic platform,** which does not function as a generic AI interface.

It operates exclusively **within a controlled architecture:**

- Only **verified and quality-controlled data** enters the system. Inputs are cleaned and validated before being processed by AI models, including large language models, and before influencing any forecasts or portfolio decisions.
- All concepts and signals are **rooted in the internal financial framework** (see aisot process).
- When external foundation models are used, they operate within the platform's predefined **financial boundaries & validation checks**, ensuring alignment with institutional standards before integration.

This ensures:

- No uncontrolled AI outputs
- Full auditability
- Institutional-grade operational control

To summarize: The intelligence is not just in individual models, but in a **structured orchestration** that connects data, AI signals, risk estimates, and portfolio construction into one coherent system.

Academic Background

aisot is an **ETH Zurich spin-off** and it maintains active research ties to the academic AI community. Our AI & Quant Advisory Lead is Dr. Petter Kolm, a two-time **Quant of the Year** award recipient.

aisot's R&D leadership teaches "Machine Learning for Finance and Complex Systems" at ETH Zurich.

Selection of Clients and Partners

Private Client Bank · Microsoft Partner · aws Partner · Zürcher Kantonalbank · UX Wealth · GenTwo

About Aisot Technologies

Founded in 2021 as an ETH Zurich spin-off and headquartered in Zurich, Switzerland, aisot combines machine learning, financial-domain large language models (LLMs), and quantitative methods to deliver precise, actionable investment insights.

Customers: Asset managers, family offices and EAMs/IAMs across Europe and the US

Management



Stefan Klauser
Co-Founder & CEO



Dr. Nino Antulov-Fantulin
Co-Founder & Head of R&D



Roger Peyer
CTO

The team brings ample experience:

ETH zürich · Goldman Sachs · avaloq · Zurich · ram

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