VirtuousAI

POWER YOUR EXCEPTIONAL

Get to outcomes faster

How Business AI turns your data into profitable action

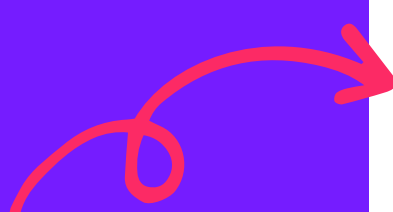# It's time to reimagine your data in an AI era

Business intelligence (BI) tools have existed for nearly as long as computers. In the 1960s, decision support systems (DSS) helped enterprises make better use of their data. While we've introduced things like cloud computing, real-time capabilities, and self-service analytics, the overall concept hasn't changed much over the past six decades. The interfaces have gotten slicker, the charts have gotten brighter, and yet they still leave you with the same question: "What do we do next?"

BI tools can only report on data, not tell you how to act on it. They can tell you sales are declining but won't suggest how to fix it. They can show you customer churn trends but can't tell you how to improve them.

Simply knowing what happened is not enough. Companies need help getting out of the gap between what they know and the actions they can take to achieve their goals. Strategic AI is the fastest way across, and it's the only way business leaders can tackle the two most pressing areas:

- **Efficiency:** Enterprises must streamline operations to save time and reduce costs.
- **Strategy:** Enterprises must consistently create new opportunities for growth.

Relying solely on BI tools keeps you rooted in the past. To stay competitive, you must embrace new technologies that match the demands of modern business.

Companies that move the fastest right now will be the hardest to catch later.

Strategic AI is the fastest way across the Execution Gap. Here's why:

Because of AI's unique ability to process vast amounts of data in real-time, identify patterns, and generate actionable insights, it can tell you what to do next. As a result, the most modern enterprises have shifted their focus from BI reporting tools to strategic Business AI.

This isn't to say BI tools are extinct. They still have their place — they make it easy to visualize data and are a familiar interface for users. But they will never be able to turn those data points into action.

The AI era has ushered in an imperative for business leaders: use AI to take the next step in your data evolution, or risk falling behind.

AI's impact on efficiency

Analyzing data manually is neither fast nor easy, but with AI, analysis can be done in real time. For example, a wholesaler can rely on AI to analyze its existing customer list and suggest similar companies that their Sales team can then contact. An exercise like that could have taken Sales weeks or months to research. With strategic AI, everything is completed in mere seconds — meaning the path to revenue growth is that much faster.

Strategic AI can also automate repetitive data management and analysis tasks. For example, AI can tackle data pre-processing, the necessary step of organizing raw data into a suitable format for analysis, decision-making, and training machine learning models. Again, this frees up employees' time to focus on higher-priority initiatives and can decrease costs and increase innovation.

Data without action is useless

The average enterprise collects and stores 10 petabytes of data, but analyzes less than 40% of it. Nearly all (97%) of organizations invest in big data but miss out on valuable information from hundreds of data sources. Imagine how you could adapt and evolve with the biggest takeaways from your web analytics, server logs, point-of-sale systems, transaction processing systems, customer surveys, CRM systems, billing and accounting systems, and enterprise resource planning systems!

As the amount of data grows so does the number of locations where it is stored. Enterprises now have data in multiple clouds, internal data centers, and edge computing. **But without an actionable analytics tool, all of this data is overwhelming instead of empowering.**

How strategic AI unlocks value

To be fully empowered by data, business leaders must use AI to:

- **Make predictions**
  AI enables a shift from reactive to proactive. For example, an agriculture company can predict which crops to grow next season based on weather patterns, demand, and harvest yield.

- **Build stronger customer relationships**
  Personalized experiences lead to more sales and loyalty, and AI makes them easy to create. For example, a retailer can use AI to promote products related to each customer's purchase history.

- **Filter out the noise**
  Not all data is useful. AI highlights the insights that matter most so teams can focus on action instead of irrelevant numbers.

- **Create new revenue streams**
  The more data insights, the more possibilities. For example, an online marketplace could identify which new products to add to its portfolio.

The competitive advantage of acting now

Enterprises that leverage BAIO gain distinct advantages:

- **Bigger market share:** Enterprises that act quickly can capitalize on emerging trends, capturing market share before competitors.

- **More agility:** Being able to take action in real time allows mid-sized companies to better respond to disruptions and capitalize on fleeting opportunities.

- **Accelerated go-to-market:** Acting sooner gets new and updated offerings into the market faster — which leads to faster customer feedback, iteration, and improvement.

- **Stronger risk mitigation:** With AI-driven foresight, enterprises can mitigate risks before they escalate.

- **Faster ROI:** Mid-market companies that act sooner generate ROI sooner, which they can then reinvest in growth.

Why your AI infrastructure matters

AI's potential is enormous, but the value it delivers is only as strong as the infrastructure powering it. And that's where enterprises are struggling. Nearly 80% of enterprises have networks that are incapable of meeting AI workloads, and nearly 70% lack the necessary in-house skills to deploy AI.

The simplest, fastest, most cost-effective way for mid-market companies to construct an AI infrastructure is to use a comprehensive platform like BAIO to put the full power of plug-and-play strategic AI to work at the core of their businesses. In this case "pre-built" doesn't equal "generic." Instead, it:

- **Eliminates data silos** by consolidating and harmonizing data from disparate sources into a unified platform. As a result, AI can generate insights from the full spectrum of enterprise data — and even third-party data — rather than fragmented pieces that don't tell the whole story.

- **Trains models on the enterprise's specific data,** instead of generic datasets. This allows the enterprise to customize its AI infrastructure for its exact objectives.

- **Ensures accuracy and transparency** by listing the exact data it used to generate outputs. This process, known as a knowledge graph, ensures that every insight, recommendation, and prediction shared by an AI system is based on real-world data.

- **Democratizes access to AI** by lowering the technical bar to implement and navigate it, meaning even the most non-technical of teams can leverage it.

- **Reduces the upfront investment** because the enterprise does not have to hire expensive full-time employees to deploy or manage it. As a result, the path to ROI is much shorter.

AI is more than technology — it's a strategic enabler. The mid-market companies that use it to turn raw data into an actionable path forward will empower employees and stay ahead of a rapidly changing market. Don't let your data go to waste. The AI era is here, so turn it into your competitive advantage.

baio

BUSINESS AUTOMATION, INTELLIGENCE & OUTCOMES

Purpose-built AI designed to close The Execution Gap
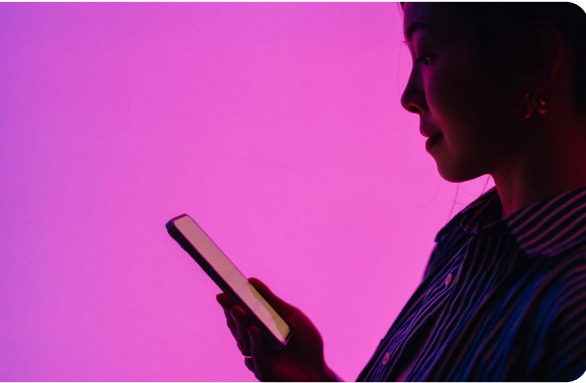
the execution **GAP**

At Virtuous AI, we're revolutionizing how mid-market companies operate. With BAIO, our proprietary platform, we empower you to go further, faster—turning insight into action and strategy into scalable outcomes. Our end-to-end system seamlessly connects your data, business signals, and goals—and drives action.

Our adaptable AI platform is a comprehensive solution that seamlessly plugs into your existing operations and leverages your data and business ontology for better, faster outcomes. Unlike BI tools or AI copilots, **BAIO acts, thinks, and drives business outcomes**. It actively ingests data, analyzes real-time signals, and executes across systems, closing the loop between insight and action. The result is a continuously optimizing platform that drives faster revenue growth.

Ready to close your Execution Gap and turn insights into action? Go further faster with the power of BAIO from VirtuousAI.

[Request a Demo]

VirtuousAI.com

VirtuousAI was established through deep research our founder conducted on brain-machine interfaces. He realized that the techniques used in neuroresearch could revolutionize the development of explainable AI. This insight led him to create a company dedicated to giving the mid-market a once-in-a-generation chance to out-execute larger corporations with BAIO.

We stand for innovation that respects privacy and promotes fairness, ensuring that businesses can leverage advanced AI technologies with confidence. Our commitment is to develop AI tools enhance decision-making and uphold the highest standards of accountability and integrity.

go further faster

Sources

Information week, *https://www.informationweek.com/data-management/how-much-data-is-too-much-for-organizations-to-derive-value*
Edge Delta, *https://edgedelta.com/company/blog/what-percentage-of-company-invest-in-big-data*
McKinsey, *https://www.mckinsey.com/featured-insights/mckinsey-explainers/what-is-personalization*
CISCO, *https://newsroom.cisco.com/c/r/newsroom/en/us/a/y2024/m11/cisco-2024-ai-readiness-index-urgency-rises-readiness-falls.html*