



eBook

BA Insight **AI enablement**

Accelerate your AI investment and
enable AI project success.



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Introduction to AI enablement



Navigating the path to AI enablement

Organizations are turning to artificial intelligence (AI) to drive innovation and automation. Yet, as AI adoption surges, so does the complexity of integrating, growing, and fully leveraging the technology to achieve meaningful, sustainable business outcomes. In fact, industry research says that 90% of AI projects fail to deliver value, which is a lot of wasted resources!

AI enablement makes a difference for companies of all sizes, bridging the gap between AI ambition and implementation by taking a strategic approach to deploying AI and embedding it deeply within an organization's ecosystem.

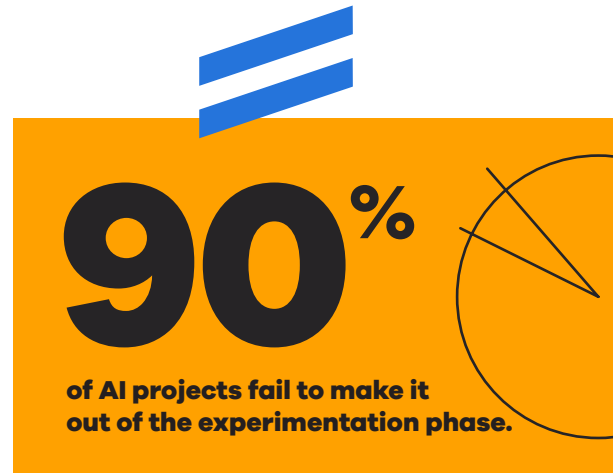


BA Insight's AI enablement bridges the gap between AI ambition and implementation. We take a strategic approach to deploy AI and embed it deeply within an organization's ecosystem.

What is AI enablement?

An AI Enablement Platform provides a holistic and flexible framework that empowers businesses to unlock AI's full potential in a connected, secure, and scalable way. Unlike current AI projects, which often address isolated functions or narrowly defined projects, a complete AI Enablement Platform creates an infrastructure where AI becomes an integral and adaptable component of nearly all business operations. This shift enables enterprises to be more agile, responsive, and automated while driving more consistent and transformative results as the company grows and matures.

An innovative AI enablement strategy redefines the way businesses approach AI by providing an agnostic environment that supports robust data integration, secure model management, and scalable operations. By integrating AI into your organization's existing systems, your teams can use it as an ongoing asset rather than just a single-use initiative.



Shifting from basic to strategic AI enablement

The transition from basic deployment to strategic AI enablement is essential for your business's survival and growth in the age of AI, but it's not easy. According to recent research from Everest Research Group, most AI projects never progress beyond the experimentation phase to full production. This is largely due to a lack of alignment among leadership and readiness across teams. Many organizations start AI initiatives with high expectations but fail to move forward after facing roadblocks like insufficient and unprepared data, unclear goals, and siloed efforts.

AI projects are introducing major risk



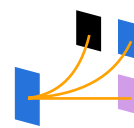
Using bad, wrong, or incomplete data



Exposing secured data



Lack of transparency



Option fatigue



Incomplete in-market solutions

To get lasting value out of AI, companies must adopt an AI-first mindset. AI is a foundational piece of technology that requires extensive planning, alignment with business goals, and the right infrastructure. With strategic AI enablement, companies can be adaptive, innovative, and better prepared for the future.

The core functions of an AI enablement platform

Choosing the right model and platform

To make AI an integral part of day-to-day operations, organizations must first select and implement the right AI Enablement Platform. A complete solution bridges the gap between AI capabilities and enterprise needs, providing the adaptability, connectivity, and security that traditional Gen AI data solutions often lack. By empowering businesses to connect their knowledge base with AI in a scalable, sustainable way, this solution sets a foundation for long-term success.

When embarking on AI initiatives, businesses must find models and platforms that can adapt to their unique demands and scale with their long-term goals. Flexibility in AI models and search engines is critical. Instead of a rigid, one-size-fits-all solution, modern AI enablement platforms support customizable models that adapt to evolving business requirements.

A robust AI Enablement Platform doesn't just deploy AI, it combines internal knowledge management and workflows with AI-driven insights. This creates a flow of information that connects employees, systems, and processes, delivering actionable insights where they are most needed.



An AI enablement platform combines internal knowledge management and workflows with AI-driven insights.

Primary components

The success of any AI Enablement Platform relies on its core components. These foundational elements support the flexible, secure, and connected environment AI projects need to succeed at scale.



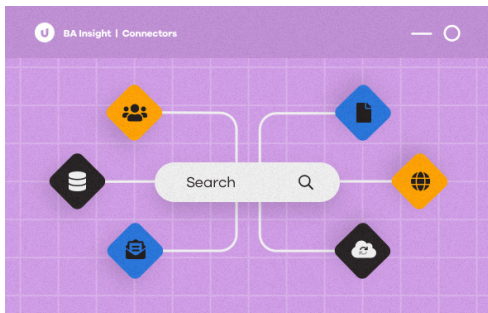
Connectivity:

Ensuring seamless access

Connectivity is a cornerstone of any AI enablement strategy. Most companies' data resides in various applications and systems, often across departments or regions. The power of AI lies in its ability to gather and process information from multiple sources, which requires seamless integration and connectivity.

A well-designed AI Enablement Platform connects disparate data sources, consolidating them into a unified ecosystem. This connection enhances data visibility across the organization and improves AI's ability to generate meaningful insights by leveraging diverse datasets.

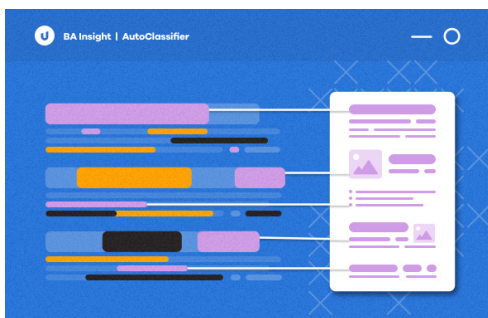
BA Insight ensures secure access to data through our [ConnectivityHub](#) which monitors and restricts access roles and rights are secure.



Data preparation: Laying the groundwork

Data preparation is one of the most critical yet often overlooked steps in implementation. This phase includes cleansing, labeling, and enriching the data, all of which are essential for creating high-quality datasets. Since AI models are only as effective as the information on which they're trained, a comprehensive data preparation process ensures that the insights generated are reliable and actionable.

Through structured data preparation, businesses can address one of the most common AI project pitfalls: poor data quality. By investing in a systematic approach to data readiness, enterprises set a solid foundation for effective AI implementation.



Our **AutoClassifier** ensures data is prepped and ready for AI-ingestion through data chunking, enrichment, vectorization, and semantic analysis. Using natural language processing (NLP) and machine learning (ML), prepared data can be fed to any AI model when connected using BA Insight.

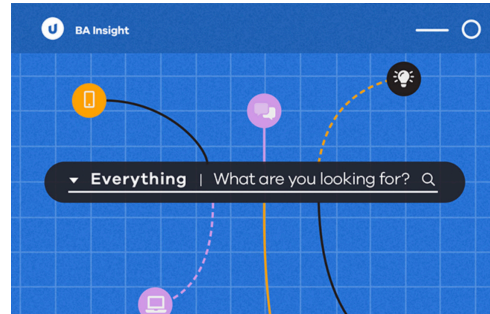


Secure exposure:

Protecting sensitive information

As data becomes more accessible and integrated, security remains paramount. AI Enablement Platforms must ensure that data is securely exposed. Secure exposure means that data is accessible only to authorized users and systems, safeguarding sensitive information without restricting its availability for analysis. With item level security enabled, you can ensure that security and accessibility is retained throughout the integration process. Eliminating the fear of senior level information being available to those who shouldn't have access.

AI enablement helps promote transparency, comply with regulatory standards, and build trust across the company by maintaining a high level of data security. Secure exposure is a vital component that balances accessibility with stringent safety measures, allowing AI projects to grow and scale.



If your team is still writing code for UIs and integrations, they are wasting time and money that could be spent on the harder parts of AI. Leave this work to our platform. [SmartHub](#) employs API, UIs, rapid prototypes, and embedded applications to seamlessly connect your systems, so your AI engine is pulling complete, comprehensive knowledge from all your systems.



Access:

Ensuring comprehensive data availability

Breaking down knowledge silos

One of the most significant obstacles for organizations to overcome when embarking on AI initiatives is cleaning and organizing their dataset. Knowledge silos make it impossible to access the full potential of AI with pockets of information scattered across different departments, systems, databases, etc. When critical data remains inaccessible, incomplete insights or erroneous predictions are inevitable.

Barriers to information occur naturally as businesses grow and are caused by a variety of reasons, including but not limited to:

- Legacy systems
- Disparate data storage solutions
- Varying access protocols

Data fragmentation creates bottlenecks that hinder collaboration and limit AI's capacity and precision, which in turn prevents accessing a holistic view of the organization's operations. Companies need to break down these obstacles to make knowledge accessible while ensuring that data is shared securely and responsibly.

Comprehensive access to knowledge management requires carefully balancing accessibility and security. Systems must integrate data from various sources into a unified framework, often through a centralized data hub, to facilitate cross-departmental sharing. Each access point must be secured with appropriate safety protocols to prevent unauthorized access. Establishing automated updates and access reviews is essential for keeping the AI systems relevant and updated.

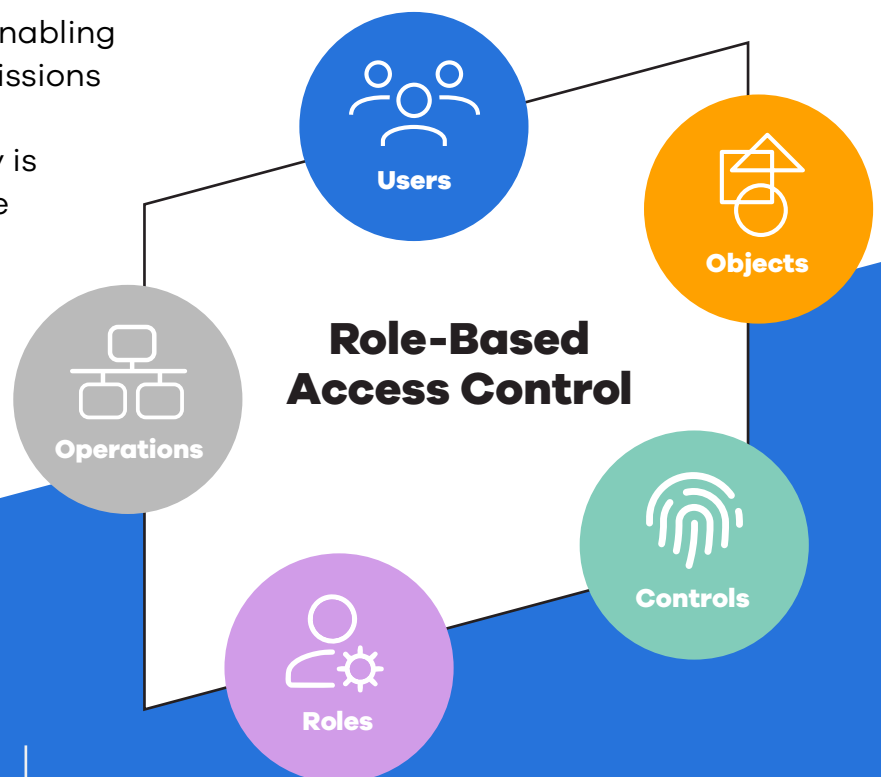


Ensuring secure, role-specific access

In addition to breaking through knowledge barriers, companies must also establish security measures around who can access what data, and when. Users have varying degrees of security clearance requiring differing accessibility to levels of data. Granting unrestricted access could pose significant security and compliance risks. Role-specific access ensures that each team member has access to what they need to perform their tasks and only that, minimizing exposure to sensitive or proprietary information.

Organizations should adopt access strategies that prioritize relevance and security to enable effective AI solutions. AI and data governance solutions streamline these configurations, enabling real-time updates to access permissions based on project requirements or timelines. Another helpful strategy is incorporating audit trails to create transparency and accountability.

Permissions define who can view, modify, or share specific data, providing a detailed level of control that protects against unauthorized usage. User-level configurations enable businesses to create customized data access experiences, ensuring users can access the most relevant data while avoiding information overload. Implementing permissions empowers users to make data-driven decisions while the business adheres to compliance regulations. This is essential for protecting data integrity, optimizing the user experience, and enhancing productivity.



Prepare:

Foundations of effective AI

The role of data preparation in AI success

Laying the groundwork for accurate and reliable AI requires preparation to formulate and achieve the intended outcomes. Without a rigorous foundation, AI produces inconsistent insights that undermines user trust.

Structured, high-quality data is necessary for AI to function properly. For AI models to be reliable, they must be trained on carefully curated data to represent patterns and insights with as little noise as possible. Raw data is cluttered with errors, inconsistencies, and redundancies; structuring enhances the data's ability to reflect real-world conditions in a way that AI can interpret.

Key methods in data preparation

Chunking: Dividing large datasets into manageable "chunks" helps prevent information overload with indexing and model consumption, creating a more efficient processing pipeline. By breaking data into coherent segments, AI models can extract insights more efficiently, leading to faster training and execution times.

Vectorization: Converting textual or categorical data into numerical formats (vectors) that machines can understand is essential in preparing data for AI algorithms. Vectorization allows the AI model to compute relationships, patterns, and probabilities within the data, opening the door to processing complex and abstract concepts with more precision. This gives a more contextual understanding of your enterprise information.

Semantic analysis: Understanding the meaning behind data, rather than just its structure, is vital in AI data preparation. Semantic analysis delves into the context, drawing associations that reveal deeper insights beyond superficial patterns. This is particularly useful in NLP applications, where understanding the nuances of language is crucial for AI to interpret intent and sentiment accurately.



Augmentation and enrichment techniques

Data preparation goes beyond cleaning and structuring; it often requires advanced augmentation and enrichment techniques to maximize relevance and compatibility. Data augmentation enables us to alter or change the information to best fit for consumption.

Data enrichment adds external information and additional variables through metadata and tagging properties, allowing AI models to generate better outcomes. Finite classification collects data into well-defined categories that AI can easily recognize and differentiate.



Expose:

Delivering knowledge with precision

Strategic knowledge exposure

For AI to drive meaningful results, it must deliver the correct information to the proper individuals at the appropriate time. Organizations can align data visibility with individual needs, optimize decision-making, and uphold compliance standards through carefully managed knowledge exposure.

Determining who has access to specific data is a cornerstone of strategic knowledge exposure. Accessibility should be based on relevant conditions and factors, like project involvement, access frequency, seniority, and data sensitivity. Setting clear guidelines minimizes the risk of data misuse and streamlines the flow of information.

APIs and embedded applications

APIs (Application Programming Interfaces) and embedded applications are tools that connect users with the data they need. APIs facilitate seamless data access by connecting disparate systems and applications. Through APIs, AI systems can retrieve information from one system and display it in real time without the user ever having to leave the interface.

APIs also allow organizations to customize data exposure according to user needs.

Embedded applications take customized data exposure a step further by displaying only the most relevant information for specific workflows. By embedding AI applications into commonly used platforms, businesses can take advantage of AI for day-to-day tasks while minimizing workflow disruptions.



Real-world applications across industries

Legal use cases

AI Enablement Platforms are becoming game-changing tools for handling the extensive documentation and compliance requirements involved when working within the legal sector. AI helps attorneys and their teams operate more efficiently by automating time-consuming tasks, sifting through case law and precedent, analyzing vast amounts of documents to identify patterns and inconsistencies that are often missed through manual review, and improving data accessibility.

Contract analysis is one of the most data-intensive and meticulous tasks in law work. Automated contract analysis helps legal teams identify risks, align with regulatory requirements, and ensure that contracts adhere to standards so lawyers can focus more on tasks like interpreting findings and negotiating terms rather than labor-intensive document reviews. AI enablement is also instrumental in other legal proceedings and processes, such as compliance monitoring, research, and case management, to streamline operations, reduce costs, and improve client satisfaction.



Life sciences use cases

AI Enablement Platforms are helping life science organizations improve accuracy, regulatory compliance, and patient safety. AI plays a role in predictive analytics for patient outcomes, drug discovery, and laboratory management. AI enablement helps life science companies make data-informed decisions that improve patient care and enhance research. These platforms are instrumental in handling large, highly regulated datasets, optimizing clinical trials, helping labs run smoothly, and ensuring all compliance standards are adhered to.



AI-enabled platforms can identify suitable candidates for clinical trials, analyze patient data with higher precision, and predict outcomes based on historical data. This speeds up lengthy and costly processes while improving the accuracy and reliability of results. Life sciences must adhere to rigorous standards set by governmental regulatory bodies. AI tracks relevant documentation, flags inconsistencies, and ensures every clinical research and pharmaceutical development phase meets compliance guidelines. Automated audits and reporting reduce the burden on compliance teams, allowing for faster approvals and increased operational efficiency and accuracy, and accelerating time-to-market for new treatments.

Professional services use cases

AI enablement is becoming a must-have in professional services. Large consulting firms are consistently looking to streamline operations and become more efficient for their clients. With many different applications, consultants are in constant need of a platform that can safely enable AI across their business.

Use cases like report and proposal building are hugely impactful. Additionally, the ability to summarize documentation notes, analyze client projects for recommendations, and help with financial modeling are important value adds.

Consultants can feel empowered with an efficient, connected, and secure AI Enablement Platform.



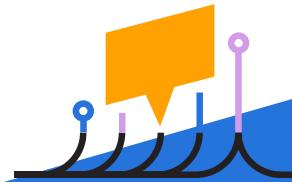
Implementation strategies for AI enablement

Building team support and training

Implementing an AI Enablement Platform is a transformative process that requires technical integration and strategic support from teams across the organization. Success relies on building team buy-in, providing in-depth training, and creating an intuitive structure for ongoing monitoring and improvement.

Educating your teams about AI's practical benefits and capabilities and providing ongoing training helps them start to view AI as a practical tool rather than a threat to their livelihood. Training and clear communication about AI's role can foster understanding and create a less fearful and more positive attitude toward technology. Aligning AI's capabilities with an individual's role can help employees feel empowered rather than replaced, building trust in the platform and its potential.

Initial onboarding should include hands-on experience with AI and clear instructions on how to interpret and apply AI-driven insights. Ongoing training sessions are helpful because team members can deepen their understanding, ask questions, and learn new functionalities as the platform evolves. Training programs can be customized by role, allowing different departments to focus on the AI aspects that are most relevant to their responsibilities.



When AI becomes a core part of daily workflows, it empowers teams to leverage insights, enhance productivity, and support growth in an increasingly data-rich environment.



Monitoring and continuous improvement

An AI Enablement Platform is not a static tool; it requires ongoing evaluation and refinement to meet an organization's ever-changing needs. Establishing metrics, tracking performance, and adapting the platform to align with evolving goals can help organizations procure a successful return on their AI investment.

Companies should maintain KPIs like time savings, accuracy improvements, error reduction, or user engagement levels to measure the effectiveness of their AI Enablement Platform. Regularly monitoring these metrics identifies areas in need of improvement. Surveys, analytics, and other forms of user feedback can reveal valuable information about the platform's efficacy.

As business goals and industry standards evolve, the AI enablement platform should adapt to respond to changing demands and achieve a competitive advantage. Establishing regular review processes allows companies to assess the platform's alignment with business objectives and make necessary adjustments. This proactive approach ensures that the AI platform remains a valuable asset, capable of scaling with the organization's strategic direction.



Future of AI enablement in the modern workplace

Preparing for an AI-driven future

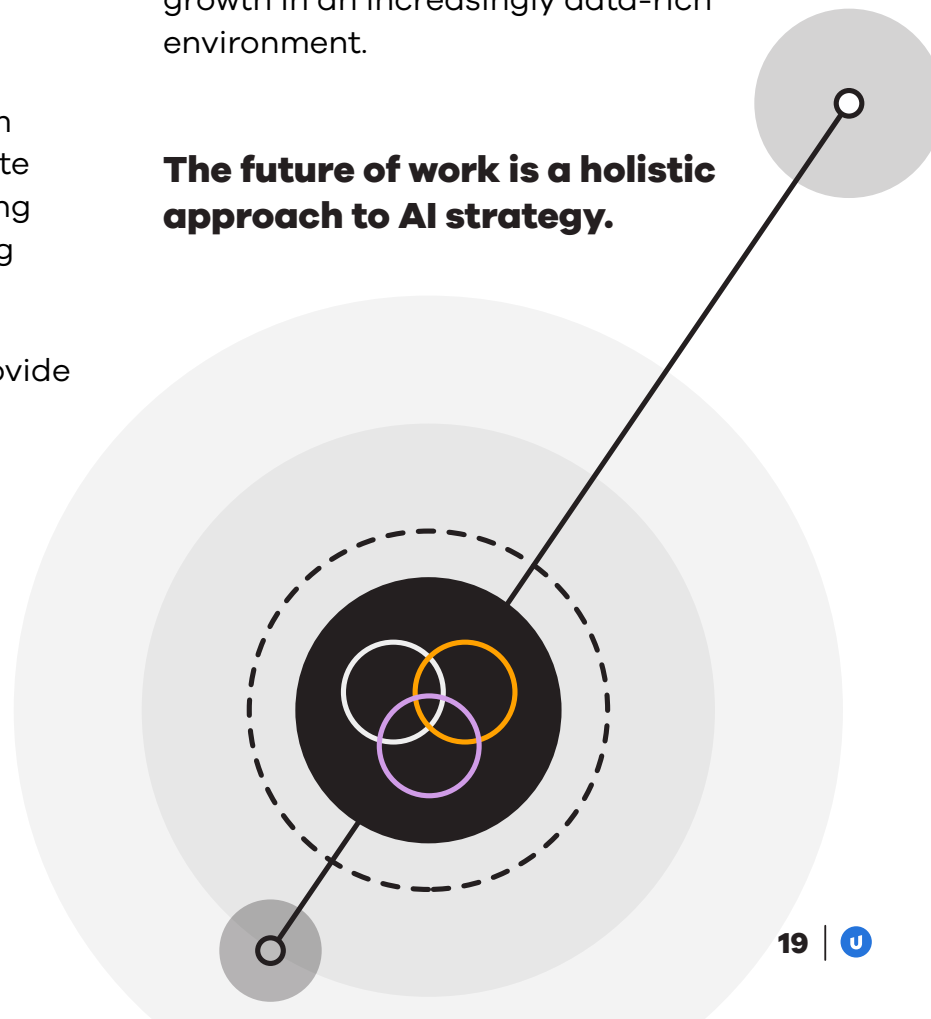
To harness AI's full potential, companies must consider factors like security, connectivity, and accessibility as part of their AI strategy. The future of work is a holistic approach to AI strategy. Companies can create an interconnected ecosystem that drives long-term value. A successful AI strategy must prioritize safety; as businesses adopt AI solutions that interact with multiple data sources, embedding security protocols is essential to protect against cyberattacks and safeguard data integrity.

Seamless connectivity between AI and existing systems allows data to flow freely across the enterprise. As AI systems analyze information from diverse sources, they gain a complete view of organizational data, enriching the quality of outputs and improving prediction accuracy.

AI Enablement Platforms should provide employees with easy, secure access to relevant information tailored to their roles. By breaking down knowledge barriers and ensuring that everyone has the resources they need, organizations can foster collaboration across departments.

Building an AI ecosystem that is both scalable and connected allows companies to respond to evolving business needs and expand their AI capabilities over time. Creating a connected AI ecosystem also requires integrating AI with existing systems and processes across the company so it can grow to accommodate new data sources, users, and applications without compromising performance. When AI becomes a core part of daily workflows, it empowers teams to leverage insights, enhance productivity, and support growth in an increasingly data-rich environment.

The future of work is a holistic approach to AI strategy.





Conclusion

If you can effectively invest in, deploy, and enable AI, your business will gain a significant competitive advantage among your peers, as most AI projects still need to make it out of the planning phase. Effective AI requires an organized, structured, and enriched dataset powered by an AI enablement platform. Unlock AI's full potential by streamlining workflows, enhancing decision-making, and fostering a culture of data-driven innovation.

By integrating security, connectivity, and knowledge access, you can create an environment where AI can adapt to meet the challenges of tomorrow. Support your workers with powerful tools that amplify their capabilities and make data-driven insights accessible across your organization. With the right AI investment your company can build a productive, connected, and empowered workplace, positioning yourselves at the forefront of an AI-driven future.



Protecting AI investments across the enterprise

Upland BA Insight's AI enablement platform allows enterprises to access, prepare, and expose the knowledge needed to power AI projects. BA Insight is AI agnostic; using vector search, data chunking, ML, NLP, and security trimming to index, enrich, and display knowledge from all connected sources to supercharge enterprise AI.



Connect with us.

Request a demo.

See how BA Insight connects to all your enterprise data sources to power whatever AI engine you choose to build.

[Learn more](#)

