Kognitos

Generative AI for Automation™

A Complete Guide For Chief Financial Officers (CFOs) to Adopt Generative AI For

BUSINESS PROCESS AUTOMATION

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A 2022 survey found that 44% of leaders expected their organization to start using AI to support financial decision making.[1] But that was before Generative AI technologies like ChatGPT became mainstream. Today, 72% of leaders expect AI to be integrated into their business decisions[2] - and Chief Financial Officers (CFOs) will be at the forefront of that change.

CFOs should have a larger role in generative AI than they have in other technologies," says Gartner.[3] But what does that mean - and how will CFOs actually benefit from generative AI?
The answer is through **Business Process Automation** (BPA). According to Accenture, 80% of Financial decisions can be assisted by some level of automation.[4] That explains why 65% of CFOs plan to have half of their finance department tasks and processes automated by the end of 2023[5] - and 75% have increased their budget to facilitate this.[6]

Generative AI will enable them to meet these goals - and empower people within their department. It allows organizations to automate complex tasks, streamline operations and improve efficiency - all without the need for complex coding and AI skills.
This guide helps CFOs understand the potential for Generative AI-driven automation - and how to leverage it within their organization.
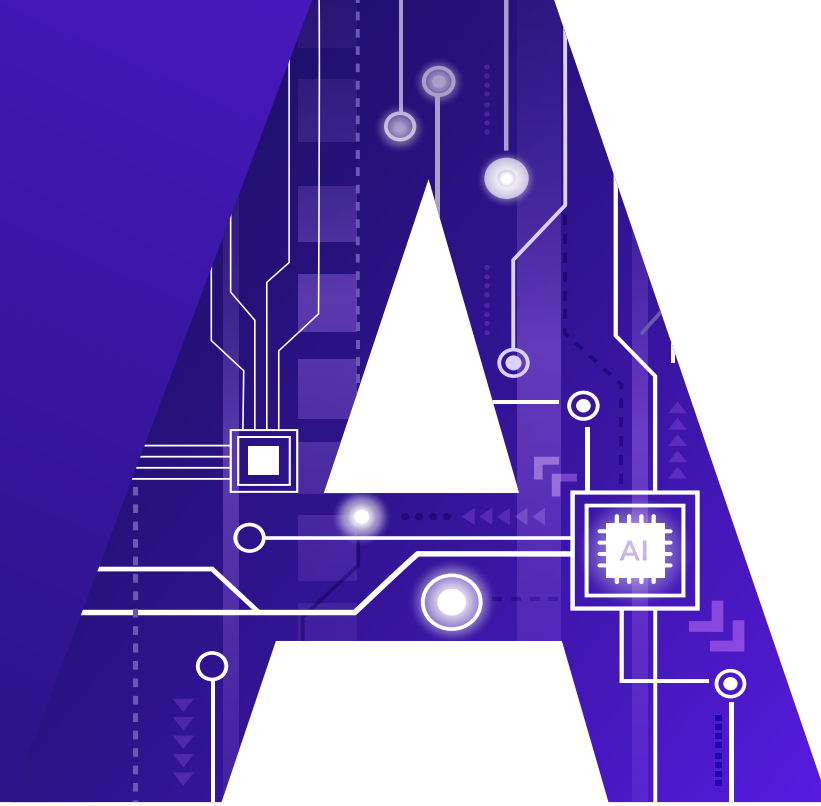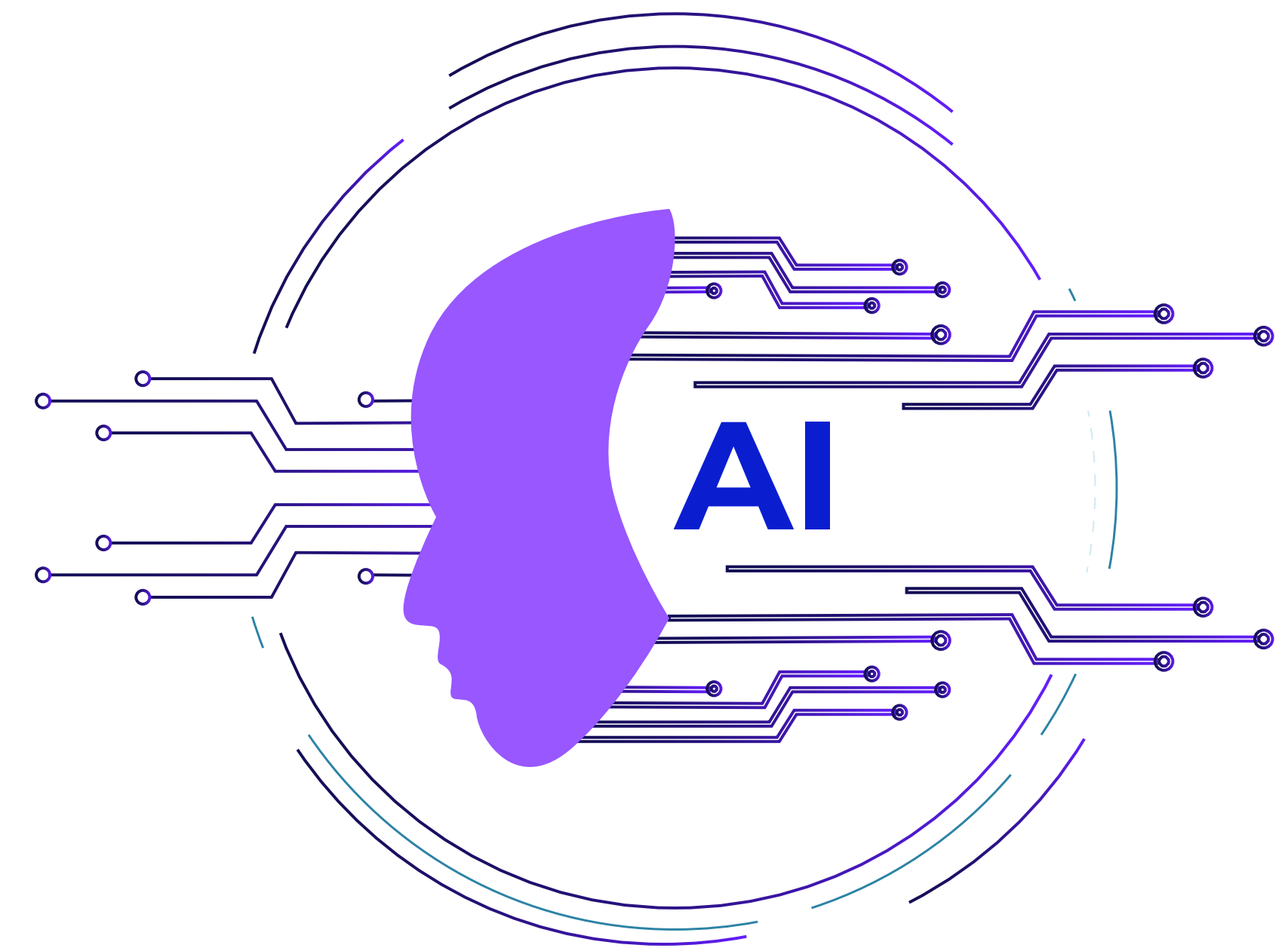
What is Generative AI?

Generative AI is a class of artificial intelligence that is used to generate new content and action. These algorithms, such as Generative Adversarial Networks (GANs) and Variational Autoencoders (VAEs), can generate realistic images, text, audio, and other types of data, opening up new possibilities for innovation and automation.

What sets these models apart is the ease with which they can be deployed. Traditionally, AI models have required skilled data scientists to build. They are generally developed by providing numerous examples as inputs for the model which then seeks to detect patterns from the data provided. By contrast, generative AI models can be developed based on natural language instructions instead of examples or training data.

As a result, generative AI models do not have to be built from scratch. The "generated" output can be reviewed and revised if necessary with additional instructions. These models are also more easily accessible to more people, thus reducing the skills required to harness them to produce business value. And when applied to automation, generative AI can help transform the process from a tool-heavy and IT-heavy task to a much simpler, natural dialog-oriented approach.

How does Generative AI support BPA?

Generative AI solutions like Kognitos' operate using plain human language, powered by Natural Language Process (NLP). This enables business users to give the platform instructions and receive a set of instructions in plain language. Like a human, the platform learns from every conversation - and ultimately allows users to deliver automation without 'speaking computer'.
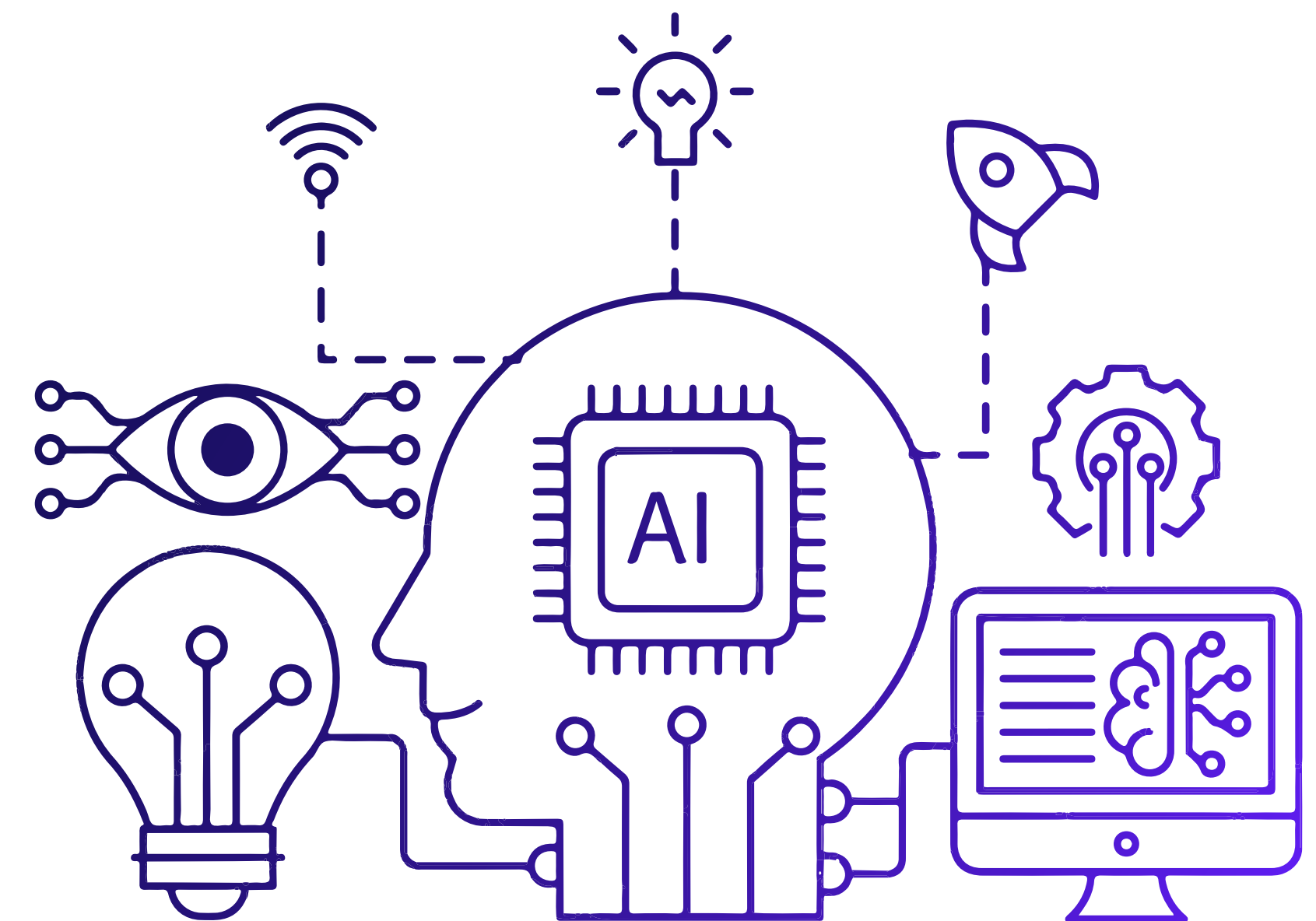
Which Tasks Will GENERATIVE AI Automate For CFOs?
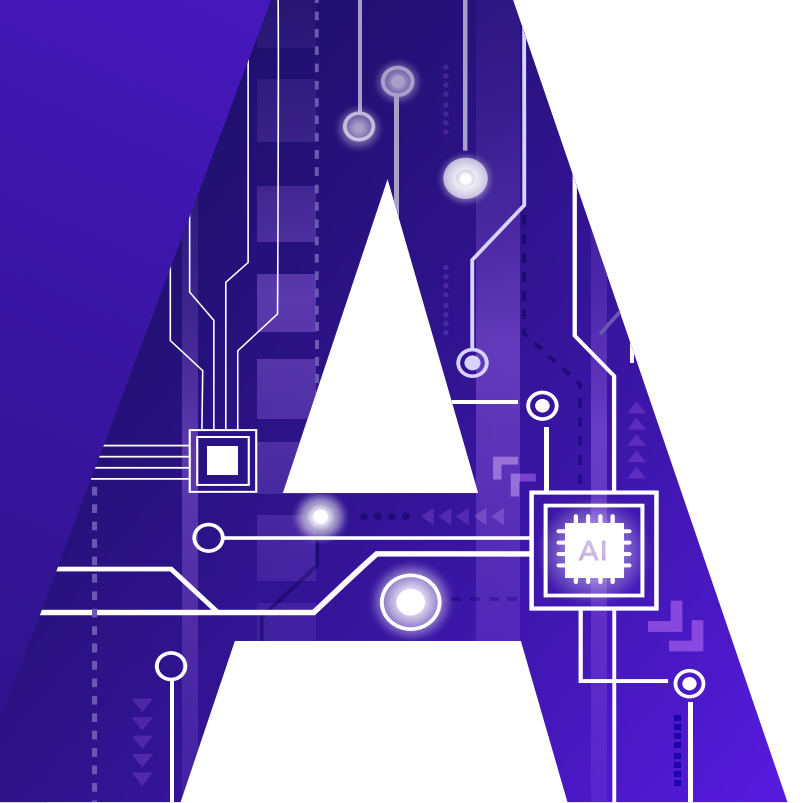
Forecasting and Planning

Accurate forecasts are essential, especially during times of heightened economic uncertainty. 91% of CFOs are currently concerned about hitting their sales projections[7] - and on average enterprises take 12 days to prepare a financial forecast[8]. Generative AI will automate many repetitive tasks involved in accumulating and analyzing data for financial forecasts - accelerating the process and enabling CFOs to create more accurate forecasts, **quickly and frequently**. This will help CFOs make better-informed decisions and optimize resource allocation.

Data analysis

Generating, analyzing and visualizing financial data is vital to communicate key financial trends, support decisions and advocate for organizational change. But these processes all eat up vital resources, and 54% of finance organizations still struggle to meet these needs and provide data and reports stakeholders can rely on to inform their decisions[9].

Generative AI will dramatically reduce the burden on Finance departments. CFOs and finance organizations will be able to build analytic models, crunch numbers and generate visualizations using plain human language - in minutes, not days or months.
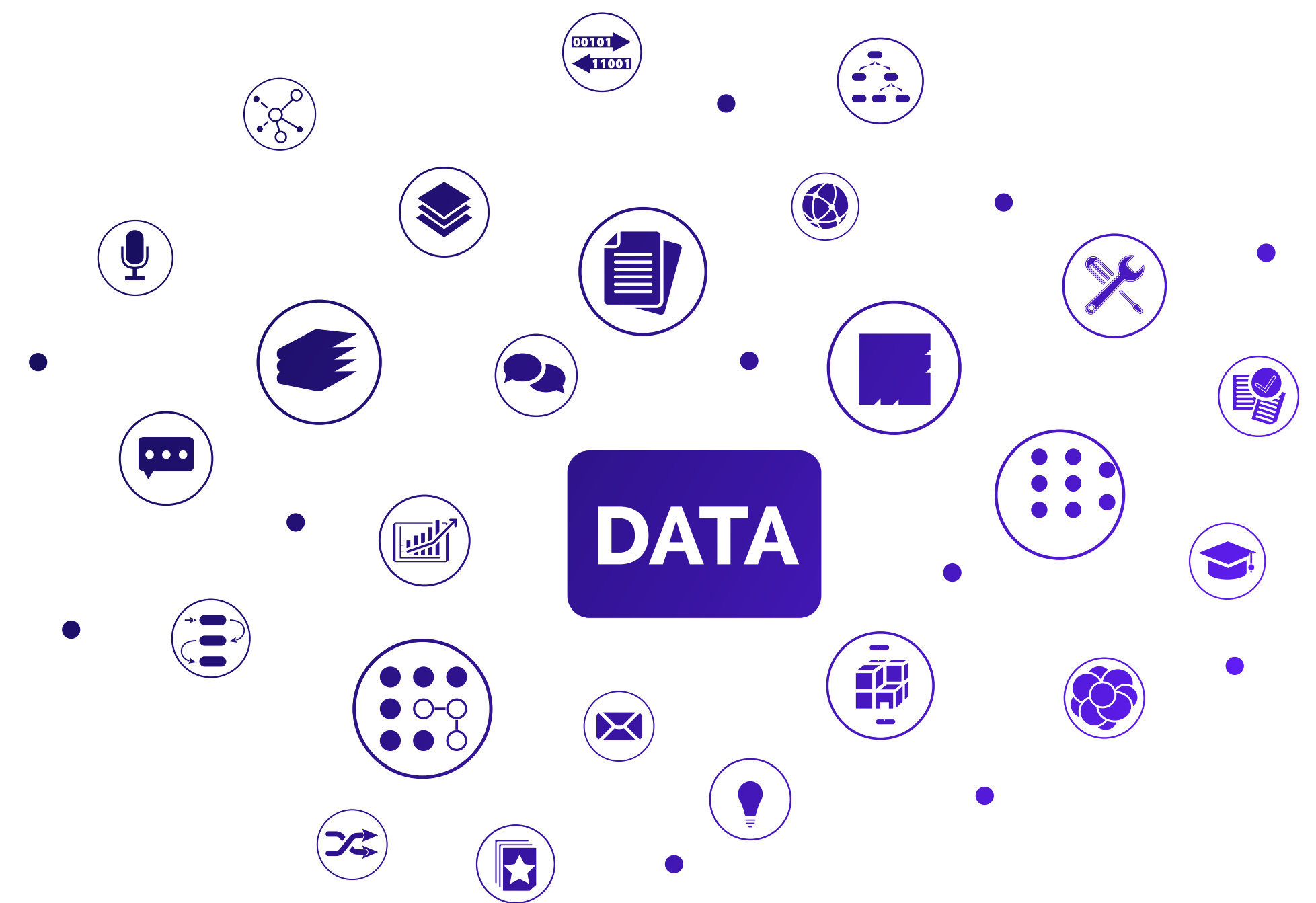
Document Generation

Generative AI can automatically generate reports, financial statements, and other key documents - all by learning from existing templates and data sources. This can save time for CFOs and reduce the risk of human error in document creation.

Fraud Detection

Generative AI can analyze transaction data to identify patterns and anomalies that may indicate fraudulent activity. This will help organizations detect and prevent fraud.
Some experts argue that the same attributes that lead ChatGPT to 'hallucinate' can be leveraged to produce novel fraud data which can then be fed to fraud systems - ultimately making their detection more robust[10].

Process Mapping

Too many finance processes are cumbersome and complex - creating confusion and error. One study found 93% of CFOs felt processes were not being carried out in the way they were supposed to be[11].
Process mapping helps solve that problem, and optimize the financial function of your organization. CFOs recognize efficiency gains (73%), transparency (53%), end-to-end clarity (46%), risk management (46%), compliance (40%), no bottlenecks or delays (20%) and higher productivity (20%) as the biggest advantages gained from process mapping. Generative AI will enable CFOs to map processes more quickly, with less effort, and analyze the data with ease. As a result, they will be able to regularly assess and improve their processes - leading to sustained gains over time.

FOUR KEY
Actions For CFOs
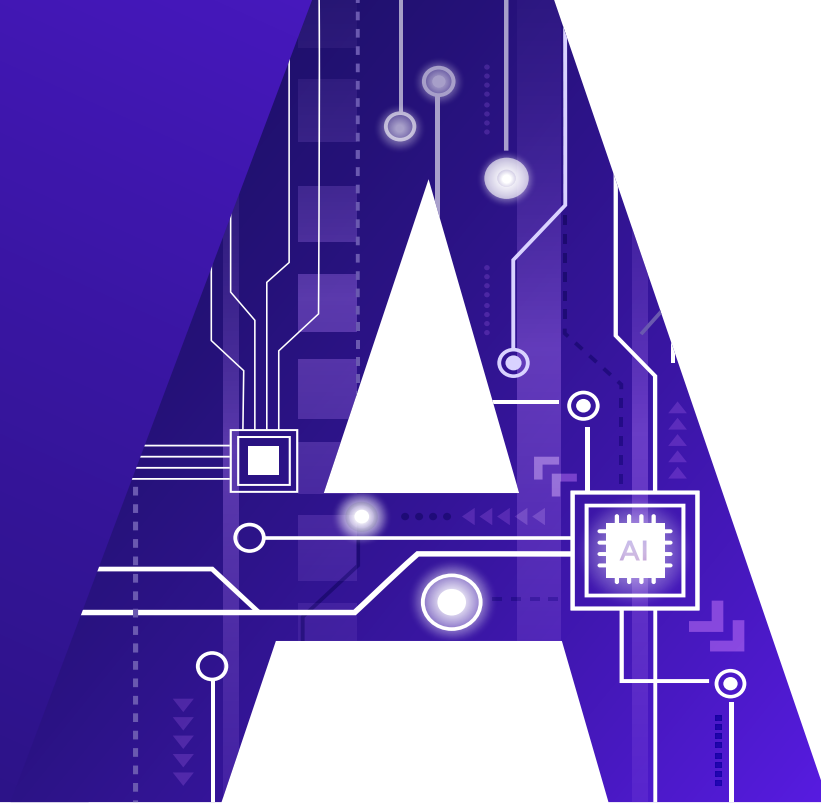
Identify Use Cases

CFOs must create a clear business case for using generative AI to automate processes. Given the range of potential uses, they need to focus on specific areas where they can produce quick gains and illustrate the power of this technology.

One Kognitos client recently used generative AI to automate their accounts receivable and accounts payable (AR/AP) process in days, and not months and eliminated 30+ hours of work per week. This helped them quickly expand their use of the technology across 16 more key business processes.

Build a Data Strategy

Generative AI relies on high-quality to generate accurate and useful outputs. This will require a concerted effort to generate cleaner data and make it readily accessible, as 49% of CFOs worry that even their cash flow data is currently unreliable[2]

At the heart of your strategy should be accuracy, availability and security. This last point is vital: concerns around data privacy and safety are high with generative AI, and CFOs must be very careful to build trust within their teams - and avoid legal and regulatory issues. Kognitos is the first and only private and safe generative AI for automation solution.
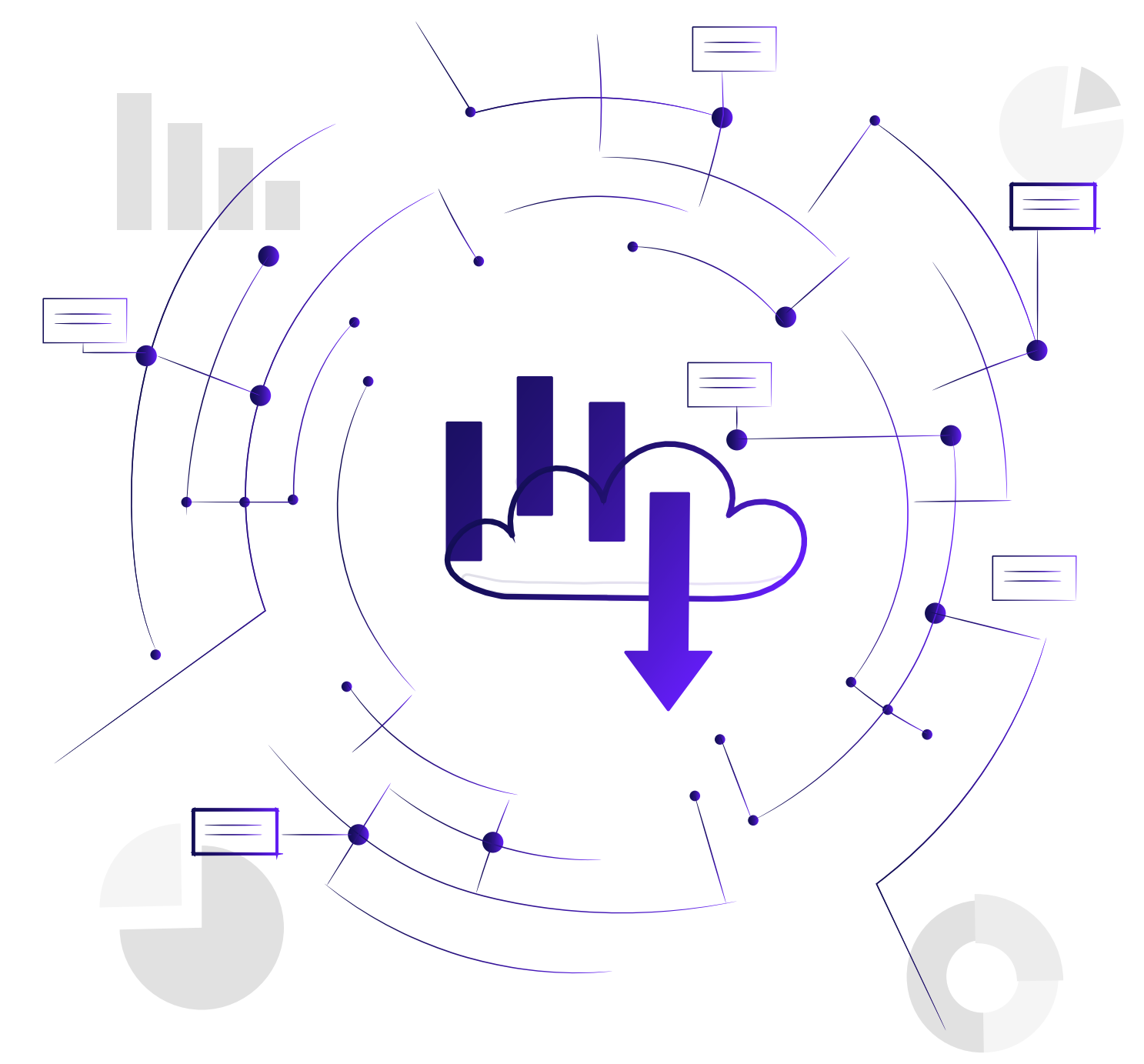
Upskill Your Talent

The beauty of generative AI is that it doesn't require coding skills to generate business automation. But that doesn't mean finance teams will be able to use in a data and privacy safe manner if they lack basic generative AI technological literacy - or an understanding of the specific solution. CFOs must prioritize training their people to use generative AI well, creating plain human interactions and learning how to handle exceptions swiftly. Many CFOs will themselves also have to undertake rapid upskill here, which may require external experts to build solutions or implement training. Kognitos' patent-pending conversational exception handling technology upskills the staff in minutes, not days or months.

Choose the Right Solution

The number of generative AI solutions grows everyday - and CFOs must research the market carefully. Because the number of use cases for the technology is so vast, most solutions are tailored to specific niches - but so far, only one is purpose-built to enable safe and private Business Process Automation (BPA).
Kognitos' is the private and safe Generative AI automation solution that automates any business process using plain human language. The platform self-learns and adapts to business processes and works as a force-multiplier within business units and centers of excellence, enabling them to focus on informed business decisions and supercharging their capabilities to stay ahead with AI.

TECH

SAFETY

PRIVACY

AUTOMATION

DATA
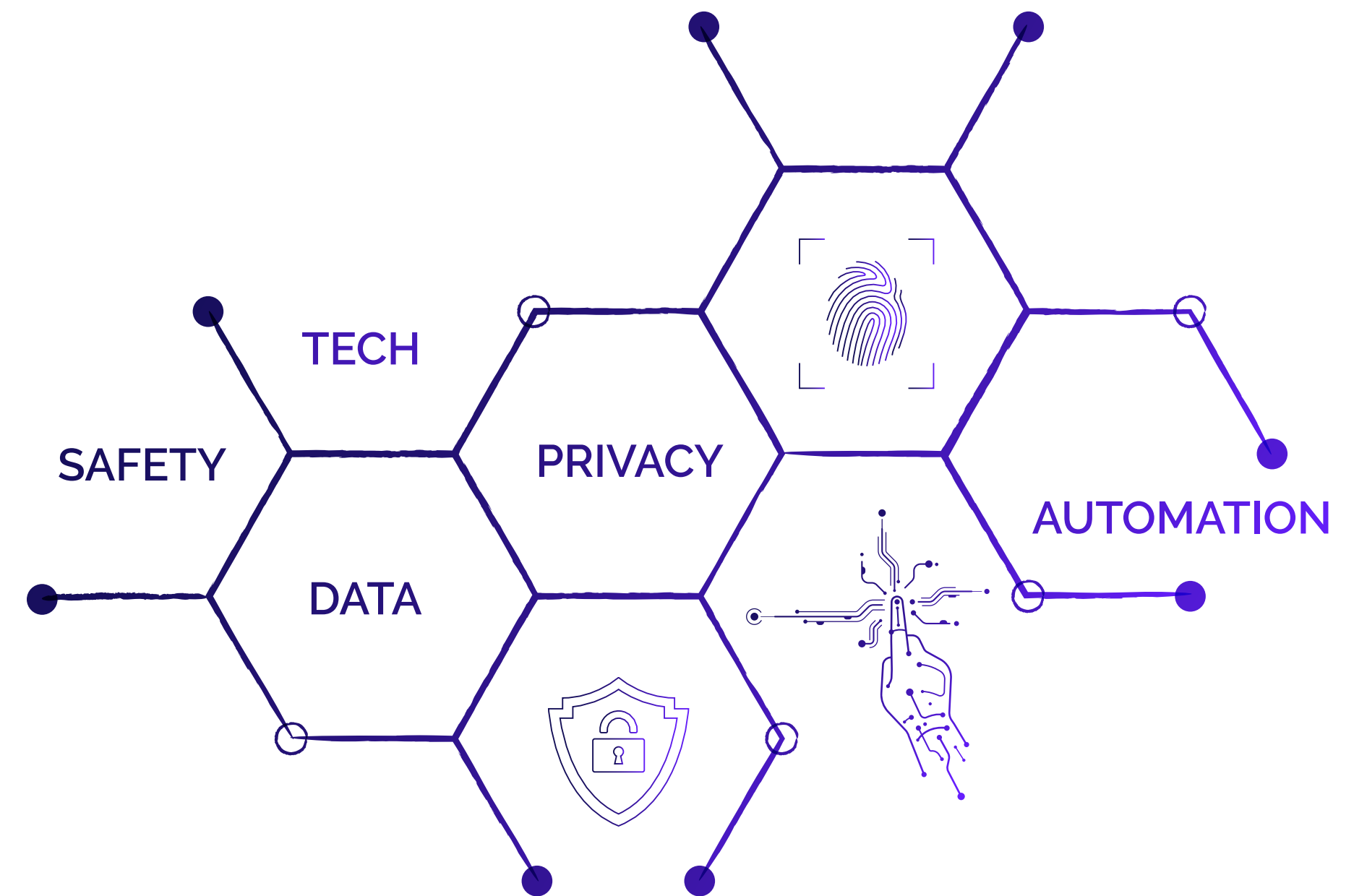
CONCLUSION

The rise of next-generation automation platforms like Kognitos marks a noteworthy milestone in the digital transformation journey of the BFSI sector. By addressing the shortcomings of legacy RPA tools and introducing advanced features such as NLPA, self-healing mechanisms, and enterprise-safe learning, Kognitos is poised to redefine the automation landscape. As BFSI institutions look to navigate the complexities of modern business environments, embracing next-generation platforms like Kognitos offers a path to enhanced efficiency, security, and innovation.

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Contact Us
www.kognitos.com