MANAGING GOVERNANCE WHILE EMBRACING CITIZEN DEVELOPMENT MOVEMENT BROUGHT BY LOW CODE

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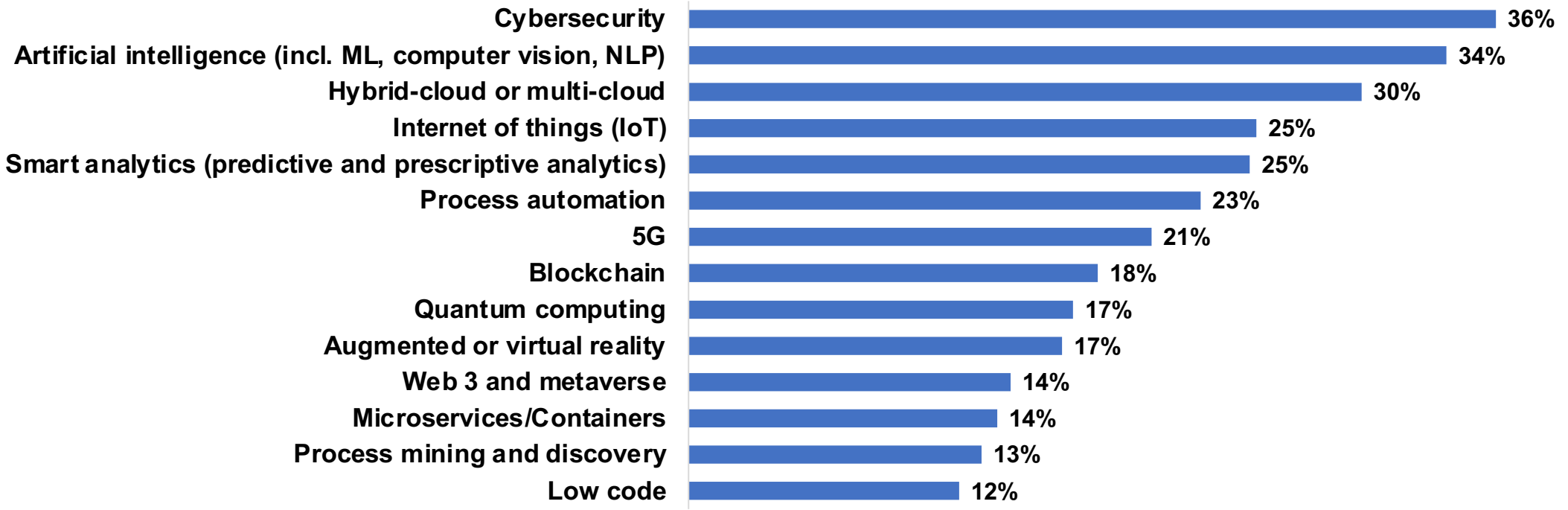
#HFSSuperSummit

Cybersecurity, AI, and Cloud are the Top 3 tech investment areas

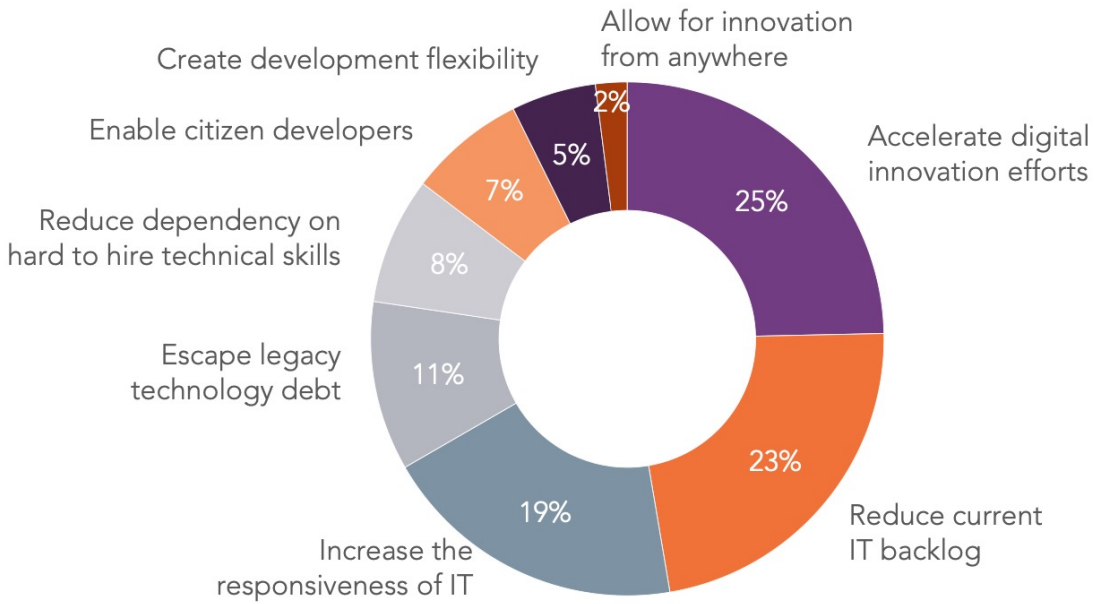
Please rank the top 3 technologies where your organization expects to invest the most in the next 12-18 months



Sample: 602 executives across Global 2000 enterprises
Source: HFS Research, 2022

IT seeks LC as a solution used to accelerate, respond, and reduce efforts to create value for the business

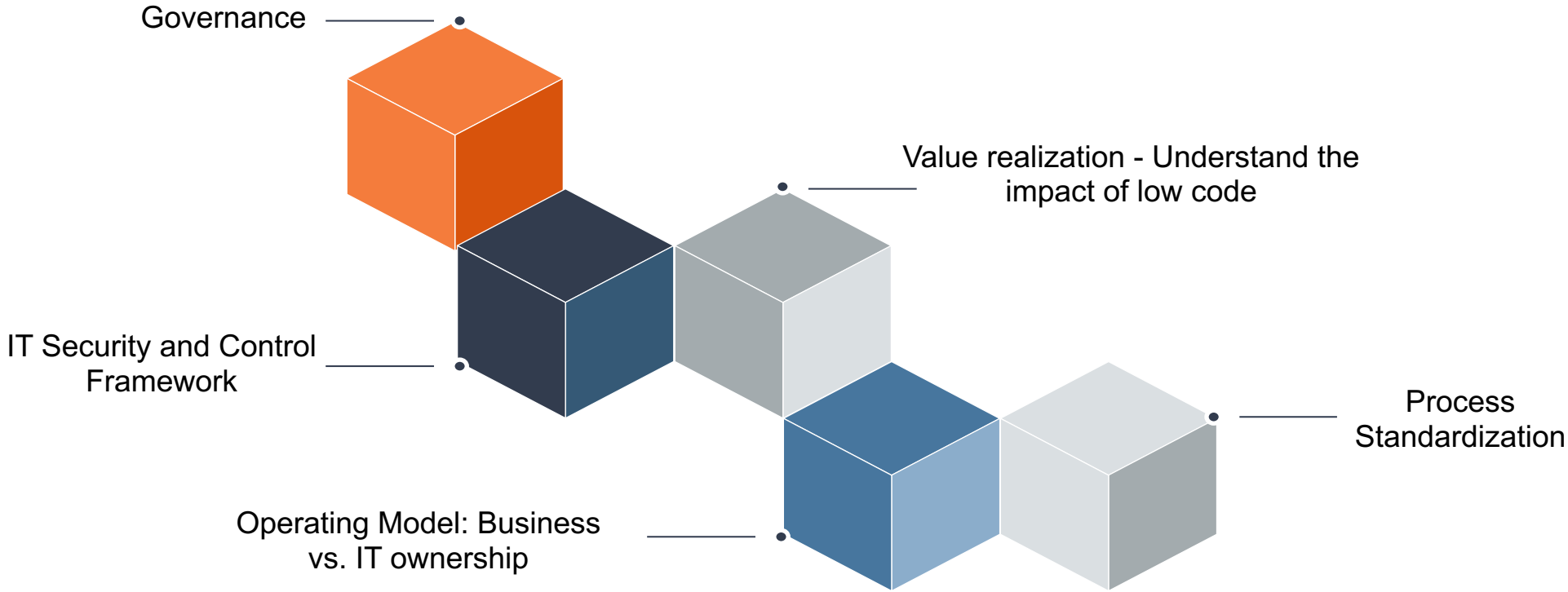
What is the primary driver for your current adoption of low code?



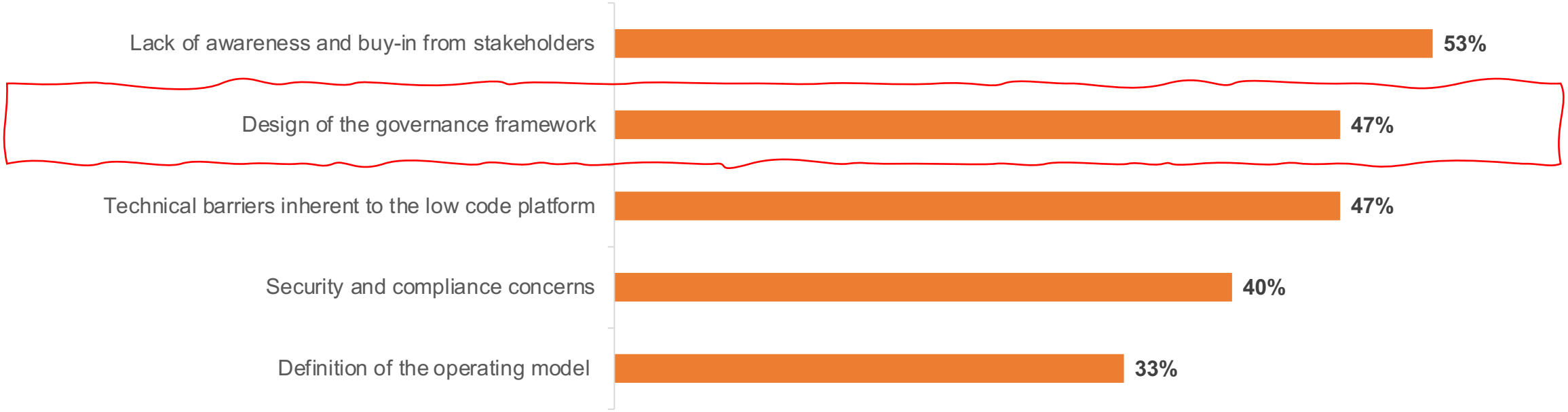
"We are currently using LC in ~20% of our development efforts. In the next 5 years we hope that it reaches close to 50%." – Product Owner OMS, Post NL

Sample: n=150 Global 2000 Enterprise decision-makers
Source: HFS Research, 2022

Most common topics and “touchy points” around low code



Top 5 challenges organizations are facing in adopting low code



Sample: 18 Executives from Global 2000 enterprises (ranging from Low-Code Platform Owners to Heads of Intelligent Automation, Digital Transformation and GBS
Source: HFS Research Low Code Digital Roundtable September 2022

Organization are still sorting out how to evolve their governance framework

Sample: 18 Executives from Global 2000 enterprises (ranging from Low-Code Platform Owners to Heads of Intelligent Automation, Digital Transformation and GBS
Source: HFS Research Low Code Digital Roundtable September 2022

Securing task versus process automation and low code

	User/Developer			Centre of Excellence			Technology & DevOps		
Project Lead									
Scope of LC Product	Task Automation		Process Automation	Task Automation		Process Automation	Task Automation		Process Automation
Governance Impact	None	Some	High	None	Some	High	None	Some	High
Systems Impact	FE Only	FE+ API req'ts	Multi-BE & FE	FE Only	FE+ API req'ts	Multi-BE & FE	FE Only	FE+ API req'ts	Multi-BE & FE
Data Security/ Access Impact	Silo Task Data	Across LOB/BU	Enterprise	Silo Task Data	Across LOB/BU	Enterprise	Silo Task Data	Across LOB/BU	Enterprise
Use of Std Components	Yes		No	Yes		No	Yes		No
Documentation Req'ts	Project requirements, Agile development methods, automation or AI elements, process components			Well documented operation parameters, architecture, hardware, data, workload requirements			For SDLC documentation, support materials, and integration and GRC assessment.		
Scalability	Local	Siloed	Global	Local	Siloed	Global	Local	Siloed	Global
Integration complexity	None	Medium	High	None	Medium	High	None	Medium	High
Cost to implement	<$2.5K	$5K-$25K	>$25K	<2.5K	$5K-$25K	>$25K	<2.5K	$5K-$25K	>$25K
Cost to Maintain	<$2.5K	<$10K	>$15K	<$2.5K	<$10K	>$15K	<$2.5K	<$10K	>$15K
Impact/Benefit	Hours Saved	<5 FTE	>5 FTE	Hours Saved	<5 FTE	>5 FTE	Hours Saved	<5 FTE	>5 FTE

FE = Front-end; BE = Back End; API – Application Programming Interface; FTE = Full-time employee; SDLC = software development lifecycle; AI = Artificial Intelligence; LOB = Line of business; BU = Business unit; GRC = Governance Risk Compliance

5 things that really don’t make any sense

Low code lets everyone create apps!

Citizen developers are the future of our company!

Low code is easy!

Low code is the death knell for IT!

Low code isn’t robust!

What does make sense

There is still a need to plan, frame, code, test, integrate, QC, and release.
All of this takes training, and that requires its own allocation of time and investment.

Citizen developers are more of a long-tail result from adopting low code.
Keep your eye on this but realize that technology is funding low code to aid in their talent and shortened software development cycle needs first.

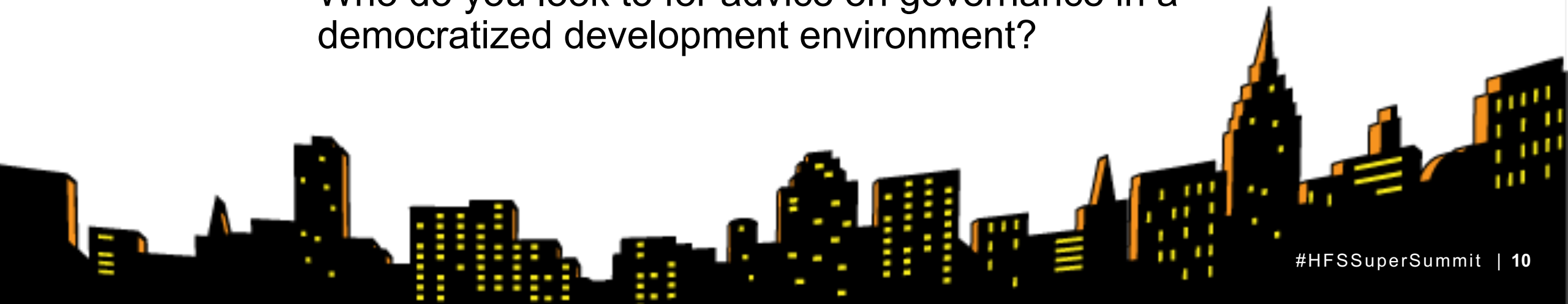
Moving to composable applications and data containers is the future.
However, today's value lies in getting legacy code from solutions like SAP and making them more available across the business.

Be wary of the low code hype cycle and every vendor's eagerness to offer a solution you might not need.

The primary driver for spending on low code is the promise of speed to develop applications your employees and customers will love.

Let’s discuss!

- What is your biggest fear when it comes to low code?
- What has been your biggest success resulting from low code?
- Can you scale low code to create a democratized development culture?
- What your firm’s security or governance stance?
- Who do you look to for advice on governance in a democratized development environment?



Want to check out our research & learn more?

Low code isn't a silver bullet, but it will change how you deliver value

Software Development SaaS Top 10 Snapshot, 2022

Low-code addresses the fast-paced go-to-market needs of accelerating Digital

Applications are dead, DATA is everything

HFS Highlight: Appian bets on simplified pricing to scale enterprise impact

HFS Highlight: KPMG Using Low Code/No-Code Services to Accelerate Digital Transformations

Enterprise AI leaders must consider two ways to scale up the low-code AI platform leverage

The RPA Manifesto: 10 Laws of RPA to build on 10 years of experiences

The Seven Pillars of Cloud Native Operations

Skills shortage demands friendly digital help for stretched teams

"Unstoppable companies" need to adopt a new automation mindset

And more at www.hfsresearch.com

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HFS Research introduced the world to terms such as "RPA" (Robotic Process Automation) in 2012 and more recently, the HFS OneOffice™. The HFS mission is to provide visionary insight into the major innovations impacting business operations such as Automation, Artificial Intelligence, Blockchain, Internet of Things, Digital Business Models and Smart Analytics.

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