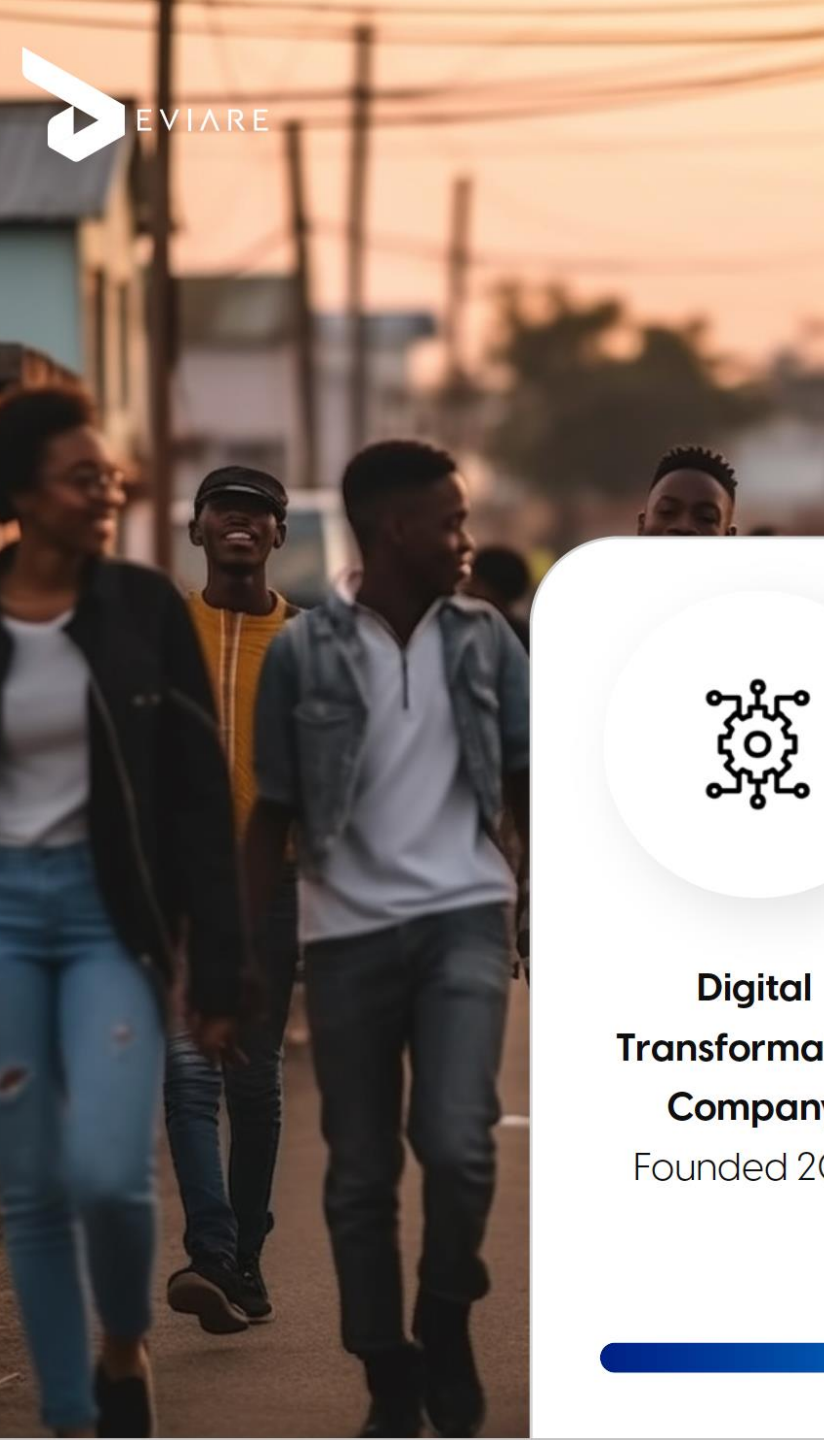We are re-imagining tech solutions in an African context.
What does your future look like to you?

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About Deviare.

Driving Digital Transformation in an African context.

Digital Transformation Company
Founded 2017

Our Purpose
Help organisations build capability & capacity for Digital Transformation

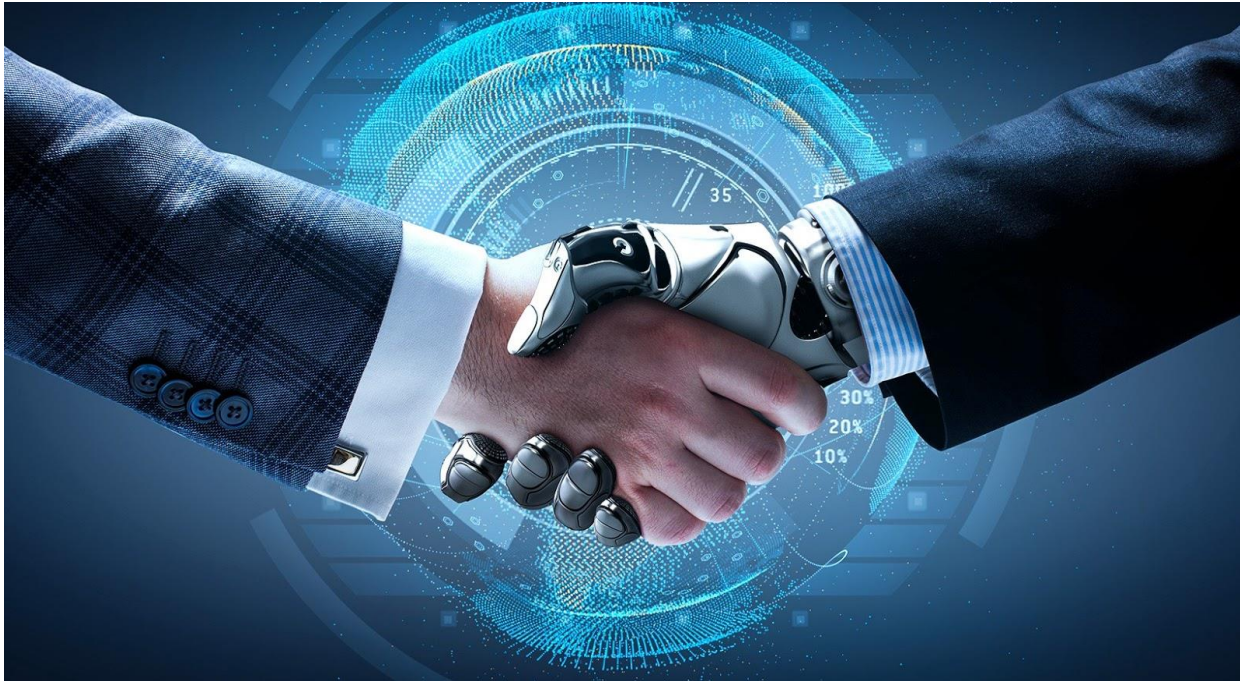**Scaleable Platform**
To accelerate Digital Transformation

Integrated Approach
To Digital Transformation for Enterprises across Africa

Agenda

- AI explained

- Use cases in business

- Quick Break [10 mins]

- Challenges faced by SMMEs

- Panel discussion

- Opportunities for AI Adoption

- Summary

SMMEs in ICT: Benefit of AI Adoption

Artificial intelligence (AI) presents transformative opportunities for small, medium, and micro enterprises (SMMEs) in the information and communications technology (ICT) sector in South Africa. By leveraging AI-powered tools and technologies, SMMEs can enhance productivity, streamline operations, and drive innovation.

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YOUTUBE VIDEO

Defining AI and its Subsets

Artificial Intelligence (AI) is the broad field of using machines to perform tasks that typically require human intelligence, such as learning, problem-solving, and decision-making. Some of the core capabilities of AI include machine learning, natural language processing, computer vision, and neural networks.

Machine Learning
- Algorithms that learn from data to make prediction
- Example: Takealot recommendations

Natural Language Processing
- Training machines to interpret and understand human language
- Example: Nedbank's Enbi

Computer Vision
- Extracts insights from digital images and videos
- Example: Apple's FaceID

Robotics
- Algorithms inspired by the human brain capable of learning patterns in data
- Example: Hotel Sky's Valet Robots

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Categories of AI

100 STARTUPS USING ARTIFICIAL INTELLIGENCE TO TRANSFORM INDUSTRIES

Narrow AI

- AI that operates within specific defined requirements. Examples include, chatbots, Siri.

General AI

- Human like intelligence that can adapt and learn across a wide range of tasks.

AI Tools

AI tools encompass a wide range of software applications designed to augment human capabilities through artificial intelligence.

Challenges Faced by SMMEs in the ICT Sector

1 **Limited Resources**

SMMEs often lack the financial capital and skilled personnel to keep up with the rapid technological advancements in the ICT sector.

2 **Intense Competition**

Competing against larger, well-established players can be daunting for SMMEs, who struggle to differentiate themselves and gain market share.

3 **Regulatory Hurdles**

Navigating complex compliance requirements and government policies can present significant challenges for SMMEs in the ICT industry.

4 **Adaptability Challenges**

The fast-paced nature of the ICT sector requires SMMEs to quickly adapt to new technologies and changing customer needs, which can be difficult.

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Panel Discussion Themes

Lack of Expertise	Data Challenges	Financial Constraints	Regulatory Hurdles
SMMEs may lack the necessary AI expertise.	Dealing with data quality and quantity issues.	Limited budget for AI implementation.	Navigating complex AI regulations.

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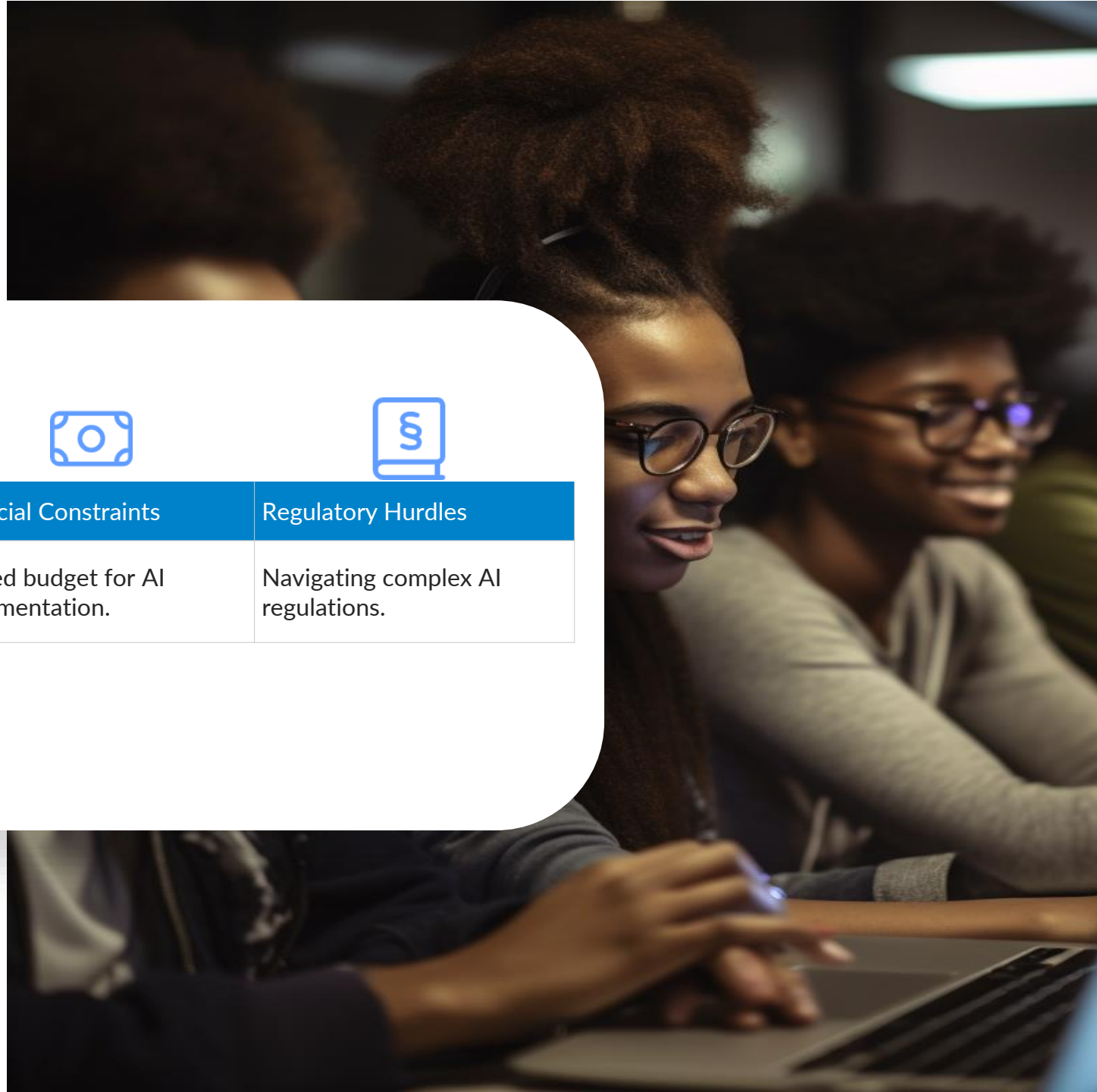
Opportunities for AI Adoption

1

Increased Productivity

AI can automate repetitive tasks, freeing up SMMEs to focus on more strategic initiatives and driving growth.

2

Data-Driven Decisions

AI-powered analytics can provide SMMEs with valuable insights to make informed, data-driven decisions.

3

Fostering Innovation

AI can enable SMMEs to develop new products, services, and busin``ess models, driving innovation and staying competitive.

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CONNECTING OUR GRADUATES TO REAL WORK OPPORTUNITIES.

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- Skills
- Technologies
- Race

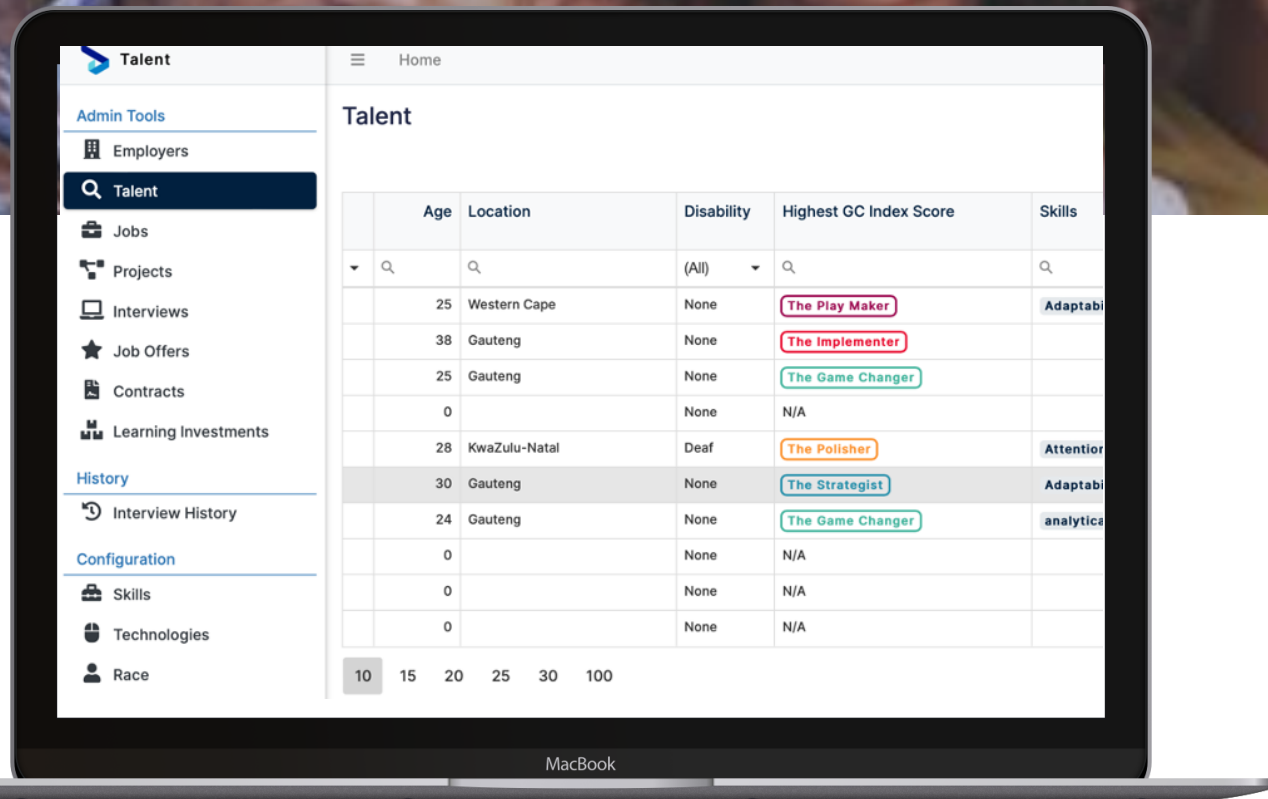|	Age	Location	Disability	Highest GC Index Score	Skills
			(All)		
	25	Western Cape	None	The Play Maker	Adaptabi
	38	Gauteng	None	The Implementer	
	25	Gauteng	None	The Game Changer	
	0		None	N/A	
	28	KwaZulu-Natal	Deaf	The Polisher	Attentior
	30	Gauteng	None	The Strategist	Adaptabi
	24	Gauteng	None	The Game Changer	analytica
	0		None	N/A	
	0		None	N/A	
	0		None	N/A	

10   15   20   25   30   100

MacBook

Scan code to access Deviare's Raw Talent on the Talent Platform

Conclusion

In conclusion, the adoption of AI technology presents significant opportunities for South African SMMEs in the ICT sector to enhance operational efficiency, improve customer experiences, and drive innovation and competitiveness. By overcoming the barriers to AI adoption, SMMEs can unlock the full potential of this transformative technology.

DEVIARE

Our purpose is to create and develop the capacity for organisations to thrive in a digital African context.

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