



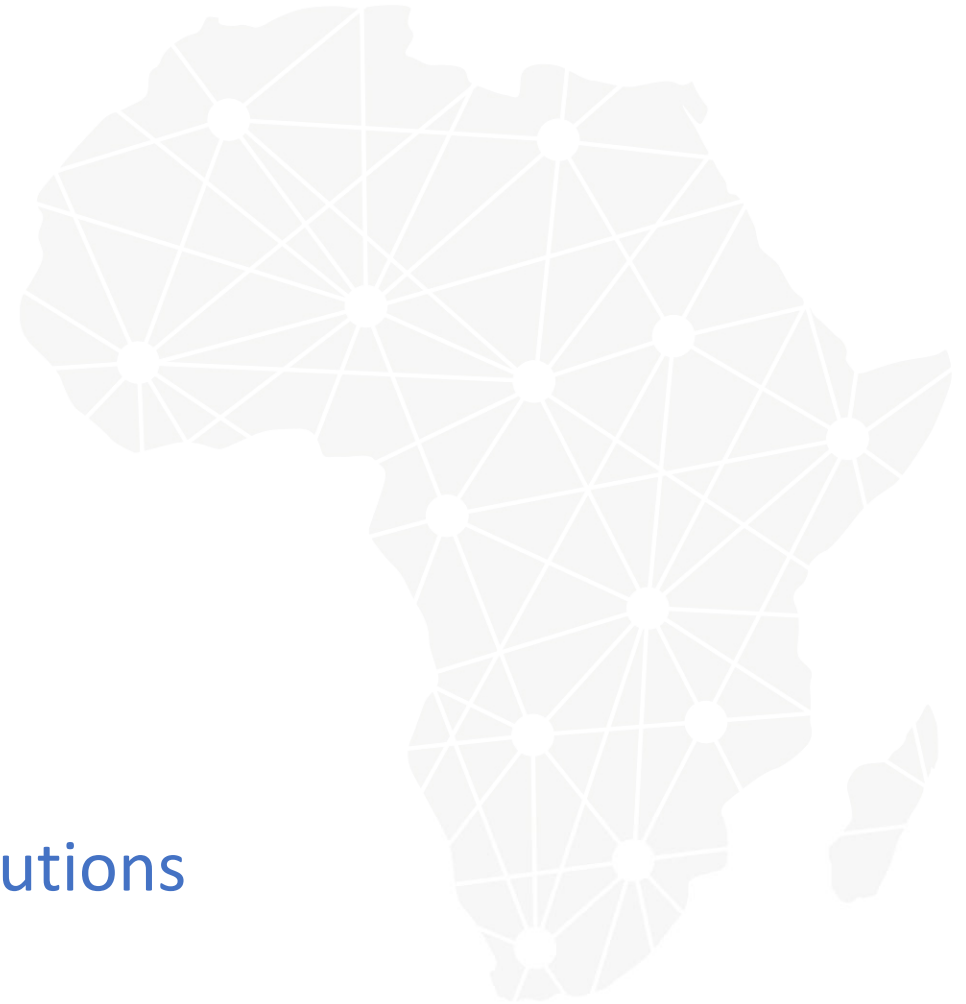
Navigating the Future of AI

Risk Management and Resilience in Artificial Intelligence

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Chief Executive Officer

- What is Generative AI
- Key Risk Categories With AI Impact
- Yin and Yang of Generative AI in IRM
- Future of Generative AI in IRM
- Progression of Industrial Revolutions or Evolutions



What is Generative AI?

What is Generative AI?

Generative AI enables users to quickly generate new content based on a variety of inputs. Inputs and outputs to these models can include text, images, sounds, animation, 3D models, or other types of data

How Does It Work?

Generative AI models use neural networks to identify the patterns and structures unstructured/unlabelled within existing data to generate new and original content.

Typical Risks Impacted By Generative AI

Operational

Credit

Cyber

Reputational

Legal

Fraud

Insurance

Delivery

Market

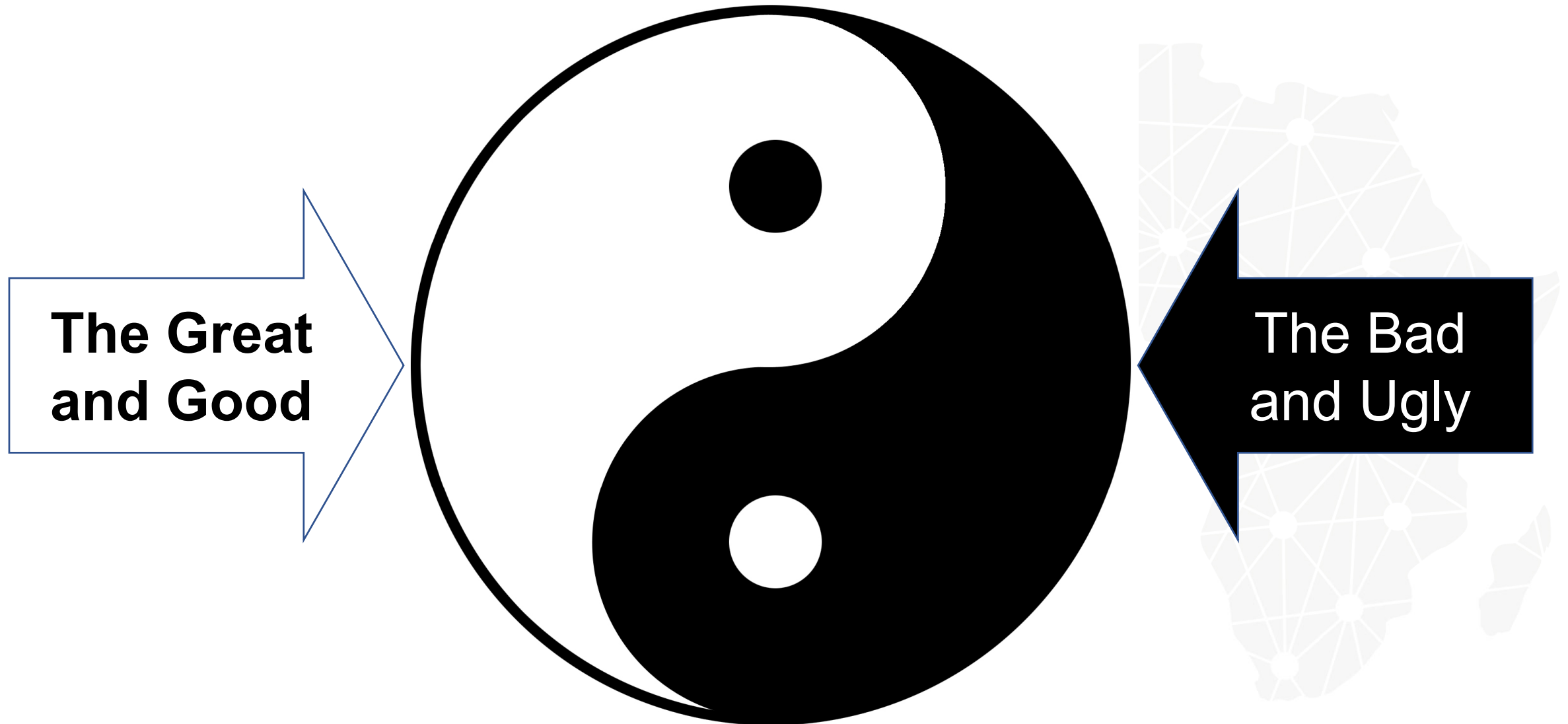
Liquidity

Compliance

Financial

People And Increasingly AI Are Key Risk Factors

The Yin and Yang of Generative AI



Future of Generative AI in Integrated Risk Management

The Yang: Bright Side:

- Real time enhanced **predictive** risk models
- Cognitive enablement of risk management and **cyber threat** analytics
- Enhanced intelligent risk dashboards and **predictive analysis**
- Combination of AI, IOT and Blockchain to **transform** efficiencies and effectiveness transformation of efficient customer experience
- The **Yang** bright side is used to offset and contain the **Yin** building ethical risk frameworks

AI will augment, not replace risk manager capabilities. Humans will remain essential for setting strategic goals, interpreting AI-generated results, and making critical decisions.

Future of Generative AI in Integrated Risk Management

The Yin: Dark Side:

- The proliferation of **deep fakes** in many scenarios of crystallisation of risk
 - Cyber crimes using generative AI models for **intelligent and prolific attacks** and penetration
 - Advanced AI **social manipulations** raising societal risk
 - New risk categories will emerge as generative AI takes hold
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Generative AI: The **Yang** has to offset the **Yin**

Progression of the Industrial Revolutions

110 Years

99 Years

36 Years

?? Years

1st IR (1760)

2nd IR (1870)

3rd IR (1969)

4th IR (2005)

Mechanical Production

Mass Production

Digital

Digital

- Steam engines
- Spinning machines
- Rail transportation
- Telegraphy
- Industry

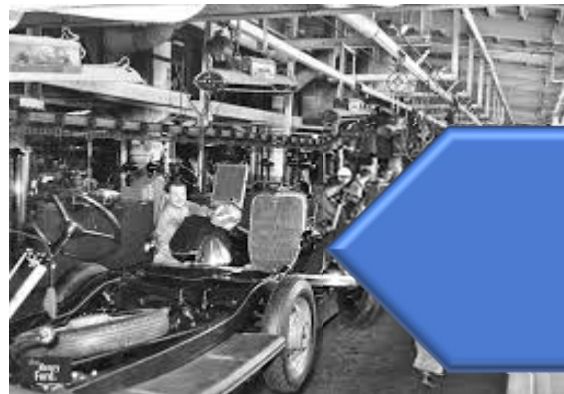
- Automotive
- Telephony
- Wireless
- Electricity
- Steel
- Air travel



- Microchip
- Main frame computing
- Mini computing
- Personal computing
- Mobile 2G, 3G
- Robotics
- Automation / RFID
- Internet and WWW

- Broadband
- Cloud computing
- Virtual Reality
- Blockchain
- Artificial Intelligence
- Internet of Things
- Social Media
- 4G LTE

Industry 5?



Baby Boomers & Generation X

