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5 UNMISSABLE TECH TRENDS IN 2023

SNAPSHOTS

1 GENERATIVE AI

2 DIGITAL AUTOMATION

3 CYBERSECURITY COMPLEXITY

4 CLOUD SPENDING

5 NEW WORKFORCE MODELS

GENERATIVE AI
WILL CHANGE ENTERPRISES FOREVER

TuringBots will **write 10% of worldwide codes and tests** by leveraging AI & ML and existing applications codes.

(Forrester)

To mitigate inherent risks in AI models and bring transparency to enterprise AI, Explainable AI (XAI) practices will **make ethical and responsible AI a reality**.

Generative AI will **revolutionize marketing and content creation** by developing immersive content, audio, text, and image using large language models like GPT-3.

Enterprises are going to implement MLOps practice more robustly to **bring ML models to production** and bridge the gap between machine learning and data engineering functions.

DIGITAL AUTOMATION
AT SCALE WILL BRING ENTERPRISE RESILIENCE

To ensure business continuity during an uncertain economic environment, enterprises will move 10% of automation budgets **from transformative initiatives to build operational resilience**.
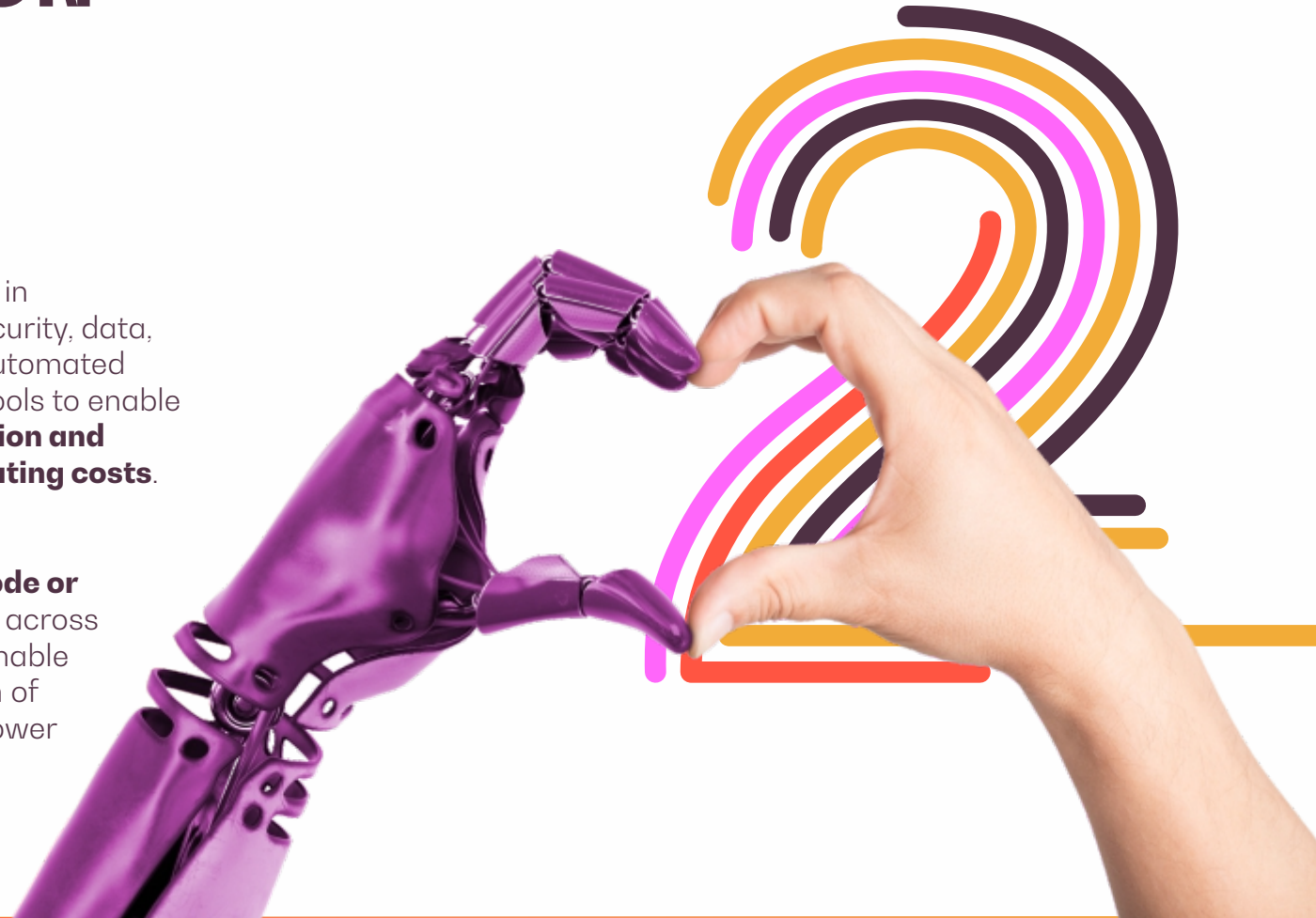
(Forrester)

With pressure to do more with the same or less budget, **25% of analytics programs will be shelved** due to poor ROI and cost rationalization.

(Forrester)

60% of the offerings in IT infrastructure, security, data, etc., will consume automated cloud platforms & tools to enable **extensive automation and reductions in operating costs**.

(IDC)

Adoption of low-code or no-code platforms across the enterprise will enable the democratization of automation to empower citizen developers.

CYBERSECURITY COMPLEXITY

TENDS TO INCREASE DUE TO CONSTANT TECHNOLOGICAL ADVANCEMENTS

With more countries introducing modern privacy laws like GDPR, 75% of the world's population will have **personal data covered under modern privacy regulations** by 2024

(Gartner)

Data-driven security intelligence will become the backbone of the cloud ecosystem security, including multi-cloud infrastructures and cloud applications

(Microsoft)

Enterprises will **safeguard the hybrid workplace model** by replacing VPNs with Zero Trust networks

(Forbes)

Enterprises will be able to **reduce the financial costs of security incidents by an average of 90%** using cybersecurity network architecture

(Gartner)

CLOUD SPENDING
WILL STAY MAINSTREAM AMID ECONOMIC HEADWINDS

In 2023, **40% of firms will consider a cloud-native-first strategy** to achieve agility and efficiency while reducing costs

(Forrester)

With the rise in data consumption and IT modernizing initiatives, **worldwide spending on cloud services is set to reach nearly $600 billion** in 2023

(Gartner)

As the demands for stringent data sovereignty intensify, the **cost to avail sovereign cloud will rise multifold**

(Forrester)

Enterprises will invest extensively in Kubernetes as a distributed compute backbone to manage workloads in IoT, 5G, edge computing, data management, blockchain, etc.

(Forrester)

RISE OF
NEW WORKFORCE MODELS TO FACE
SKILL SHORTAGES

Facing difficulty in recruiting for key roles externally, enterprises will reduce talent wastage by **encouraging internal talent mobility to 25%**

(Forrester)

With access to a larger pool of skilled workers, enterprises will **embrace the gig-based support model** to benefit from its flexibility and cost-effectiveness

Pursuit of nontraditional candidates by **assessing them solely on the skills** needed rather than their credentials and prior experience will expand talent pipelines

(Gartner)

Due to lower demand during the economic downturn, the **balance of power shifts towards enterprises than resources in the war for talent**

(Gartner)

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