



Responsible & Secure AI Adoption Journey

A Global Guide to Secure and Intelligent
AI Transformation.

2025

Summary

AI is transforming the global economy, but adoption without governance and security invites risk. This whitepaper offers a roadmap to responsible, secure AI integration across key geographies (Middle East, USA, UKI & Europe) guided by the Microsoft ecosystem.

What You'll Learn:

Key stages of AI readiness

Regional compliance requirements

How to secure and govern AI at scale

Exquitech's service capabilities across Data, AI & Security

Why Now?

For every \$1 invested in AI, companies realize \$3.5 ROI on average.

"DC InfoBrief: sponsored by Microsoft, 2024 Business Opportunity of AI, IDC# US52699124, November 2024"

AI Ethics Made Simple: 6 Principles That Matter



The Business Case For AI

\$3.5

Average ROI for every
\$1 invested

*DC InfoBrief: sponsored by Microsoft, 2024 Business Opportunity
of AI, IDC# US52699124, November 2024*

92%

of early AI adopters report
achieving a return on their AI
investments.

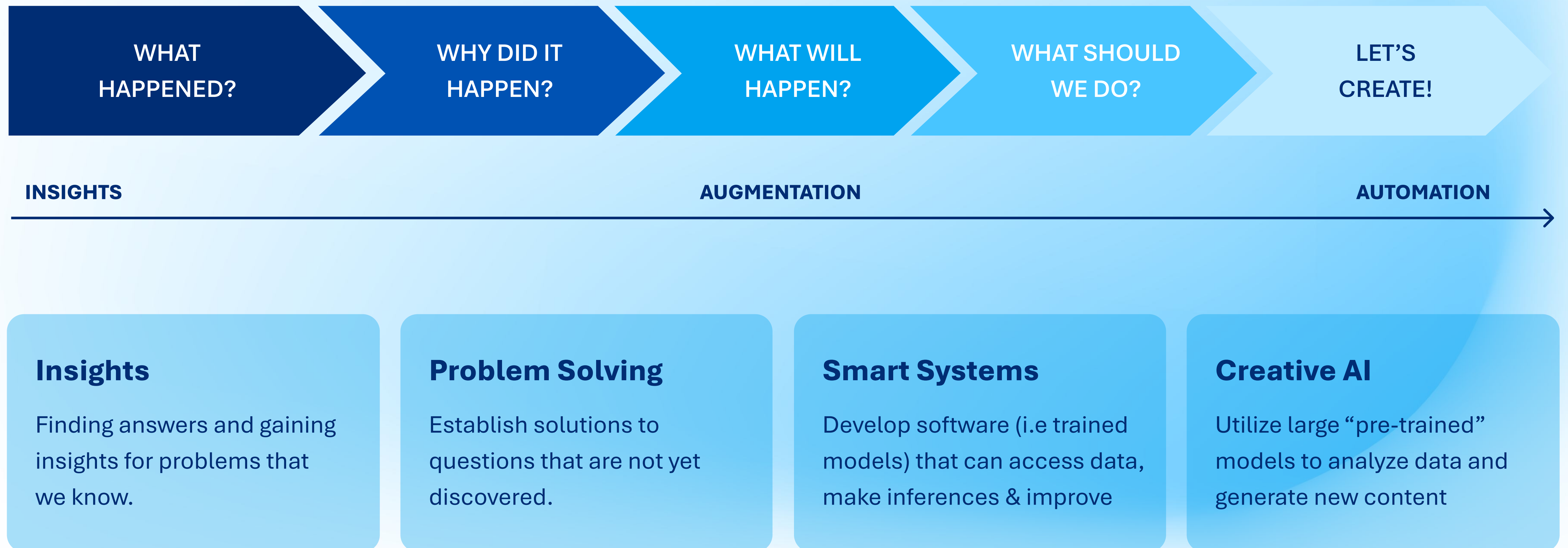
Ref: Snowflake Inc.; Global Research, The Radical ROI of Gen AI

\$4.4T

Contribution in annual
productivity gains across various
industries

Ref: McKinsey & Company, The State of AI, 2025

AI gets smarter over time; but smarter also means riskier



Global Regulatory Landscape

UAE



- **DIFC, ADGM**
- **Signals Intelligence Agency**
- **Department of Health**
- **Department Of Gov Enablement**

UK



- **NCSC** – National Cyber Security Centre
- **ICO** – Information Commissioner’s Office (GDPR)
- **CPNI, Ofcom**, Centre for Data Ethics
- **Department for Digital, Culture, Media & Sport**

KSA



- **NCA** – National Cybersecurity Authority
- **SDAIA** – Saudi Data & AI Authority
- **CST** – Communications, Space & Tech Commission
- **SAMA** – Saudi Arabian Monetary Authority

USA



- **NIST, CCPA, HIPAA, PCI DSS**
- **CISA** – Cybersecurity & Infrastructure Security Agency
- **Federal Trade Commission**

Data Taxonomy towards the readiness of AI



- ✓ Organize and label your data properly
- ✓ Ensure quality and consistency
- ✓ Apply the right rules and policies to manage it

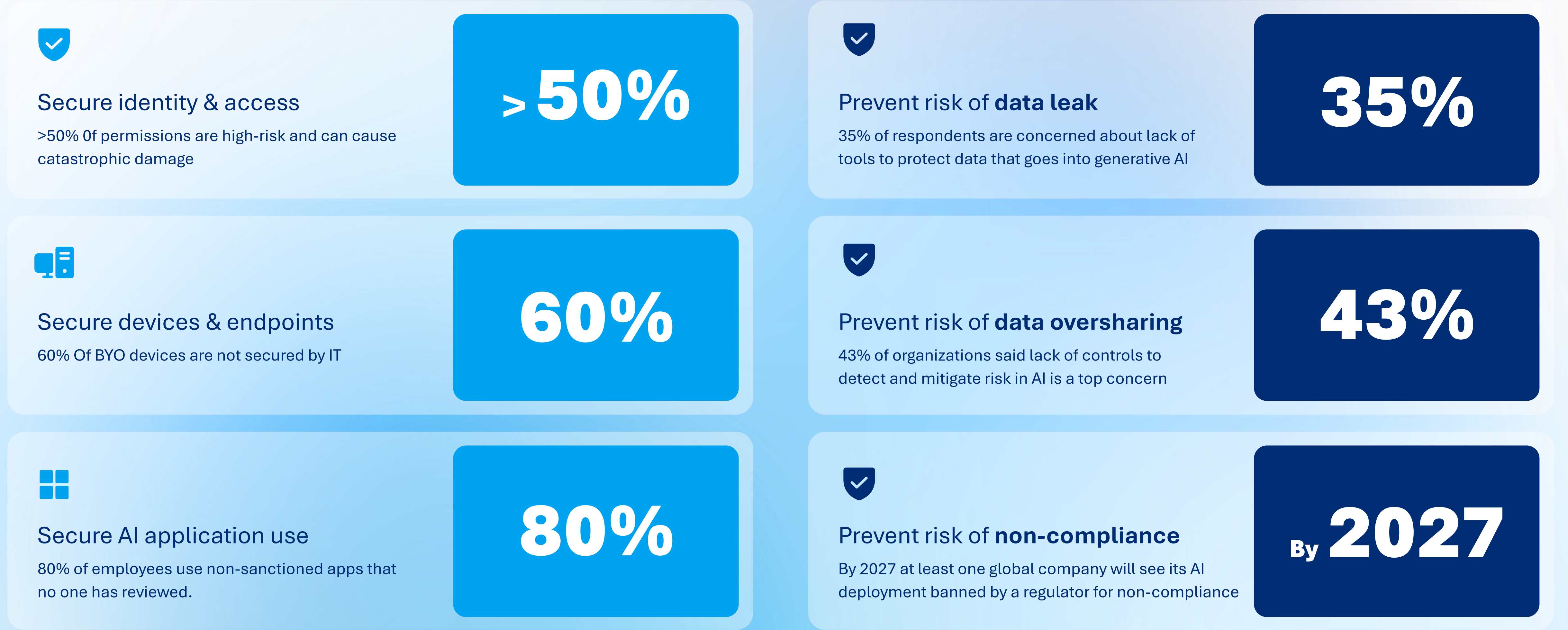
- ✓ Collect your data from different sources
- ✓ Clean and format it so it's useful
- ✓ Store it in a central place where AI tools can access it

- ✓ Track key business metrics
- ✓ Spot patterns and trends
- ✓ Detect unusual behaviors or issues in real-time

- ✓ Use your cleaned data to train AI models
- ✓ Automate decisions, predictions, and insights
- ✓ Deploy smart tools like chat assistants or image/language recognition

Security & Compliance

(Threats vs Controls)



Case Study /

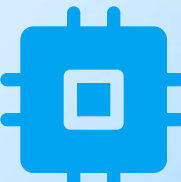
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Situation

Looking to strengthen Data Classification and Data Loss Prevention (DLP) capabilities to ensure compliance with regulatory and organizational standards while safeguarding sensitive and critical data.

Looking to strengthen its data security posture through governance enhancement and the deployment of Data Classification and DLP tools.



Solution

Improve Data Classification & DLP posture through the design of a Data Classification & DLP Roadmap.

Strengthening Data Security Governance through the development of a Target Operating Model and clear role definitions.

Creation of Data Registers per business department to capture requirements for the proposed Data Classification and DLP rollout.



Impact

AIR Global's data security posture has improved by 65%



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