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AI FOR GOVERNMENT

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Chief Scientist of the Republic of Cyprus

Chair of the National AI Taskforce

Chief Scientist for Research, Innovation and Technology

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Disclaimer

The content is not intended to influence strategy, implementation nor reflects an approved strategic direction for national ai adoptiong. Best practices reflect lessons learned and explored from worlds most advanced nations who have implemented smart government initiatives and also EU success stories.

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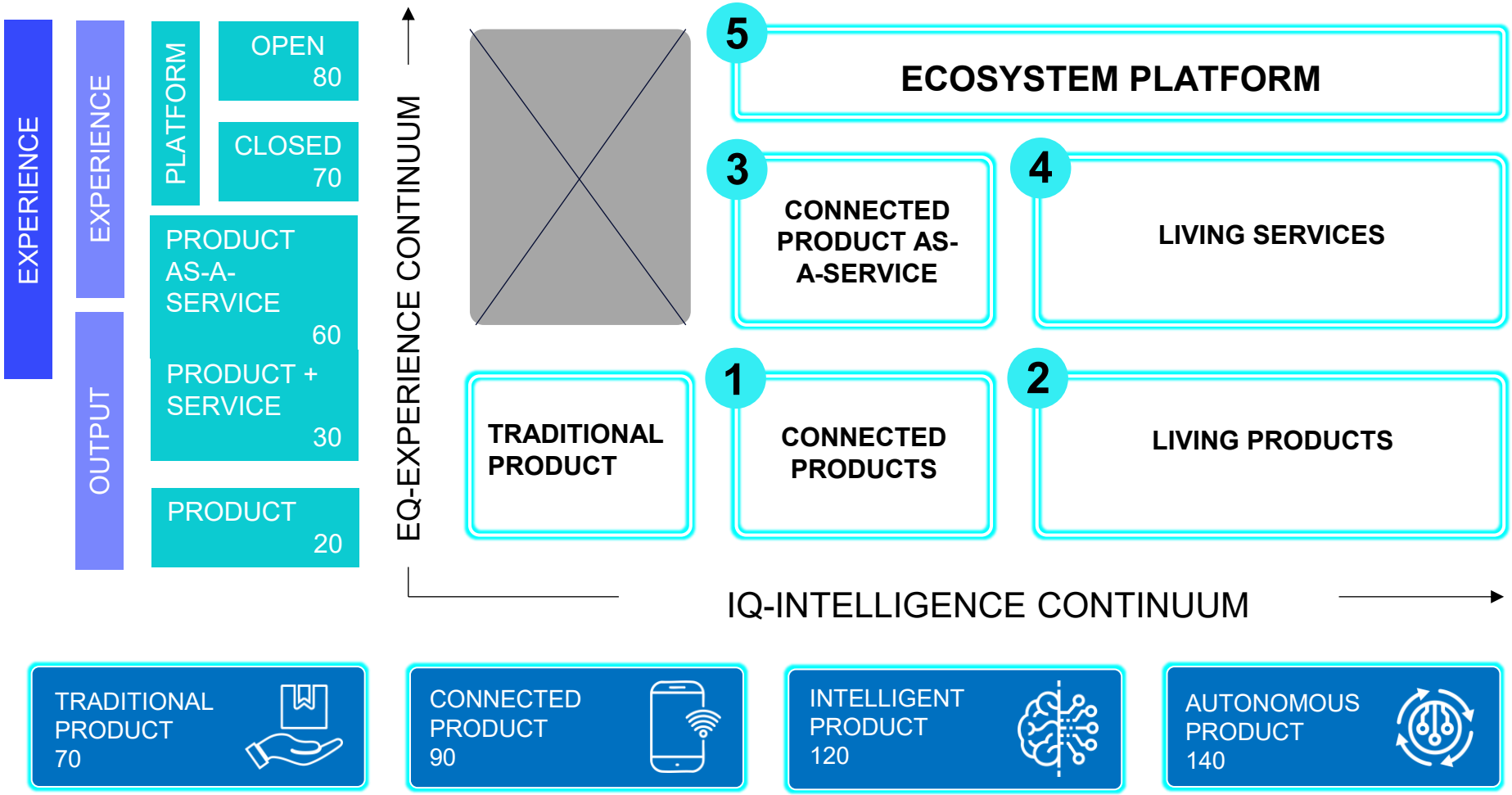
More Work!
More Complexity!
More Regulations!
More Silos!
More Data!
Less Time!

THE PRODUCT REINVENTION GRID

Experience Quotient (EQ) measures the degree of sophistication achieved in terms of services levels.

Intelligence Quotient (IQ) measures product's degree of technical sophistication



WHAT'S HAPPENING

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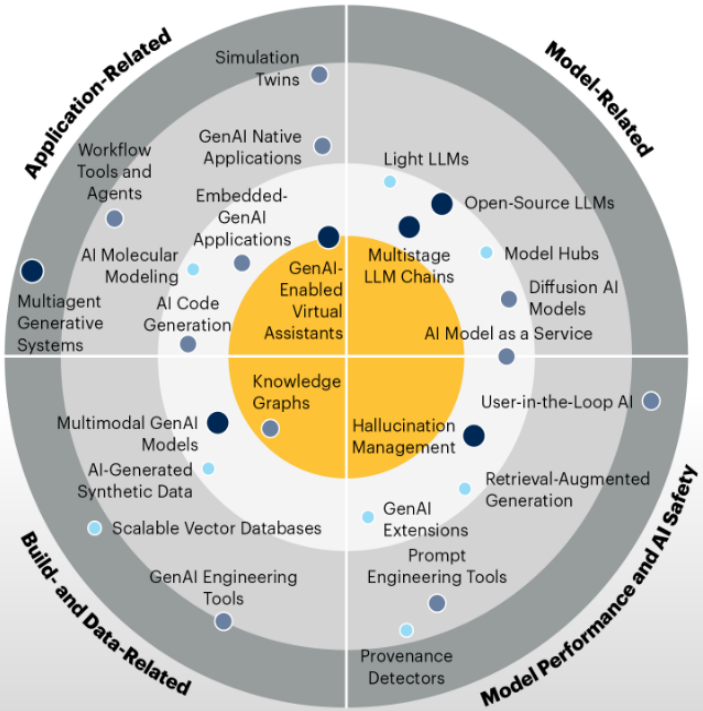
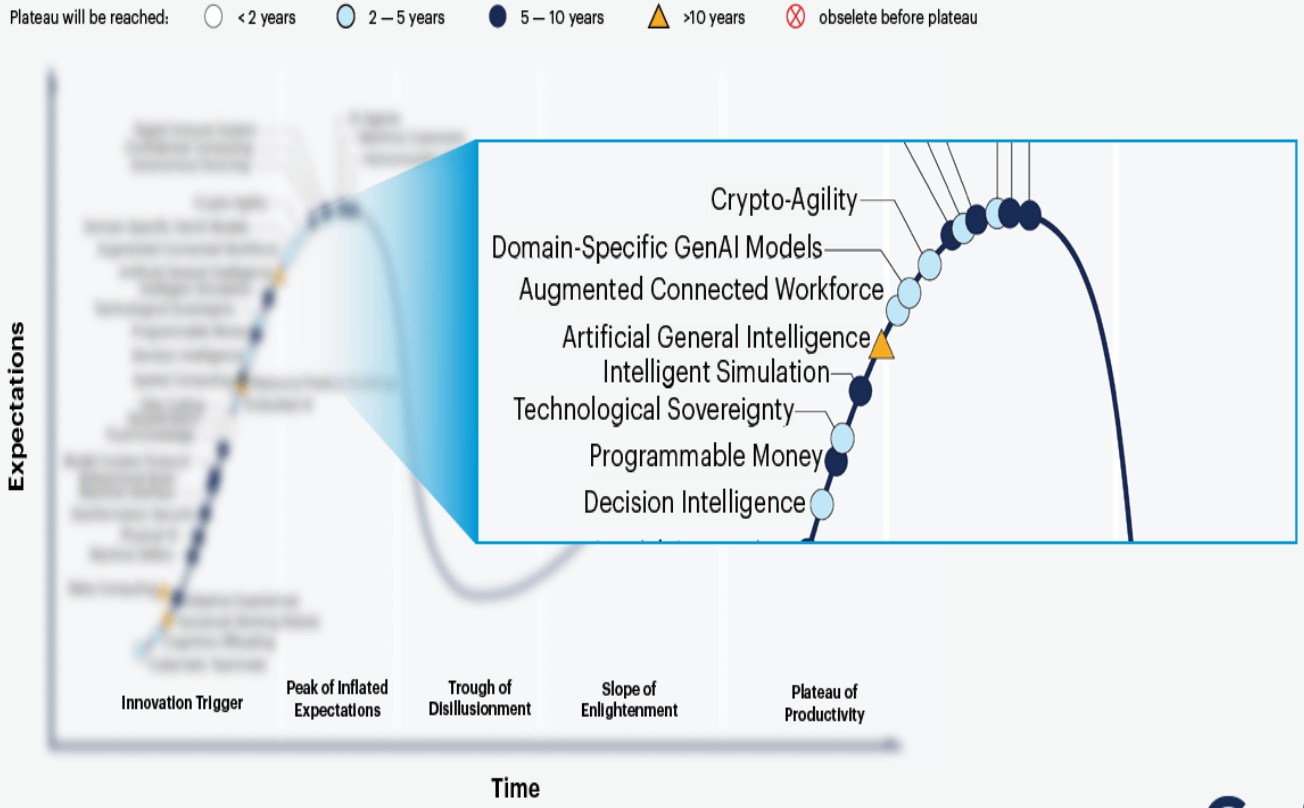
Impact Radar for Generative AI



Gartner

Hype Cycle of Emerging Technologies, 2025



Gartner

AI CHANGES EVERYTHING

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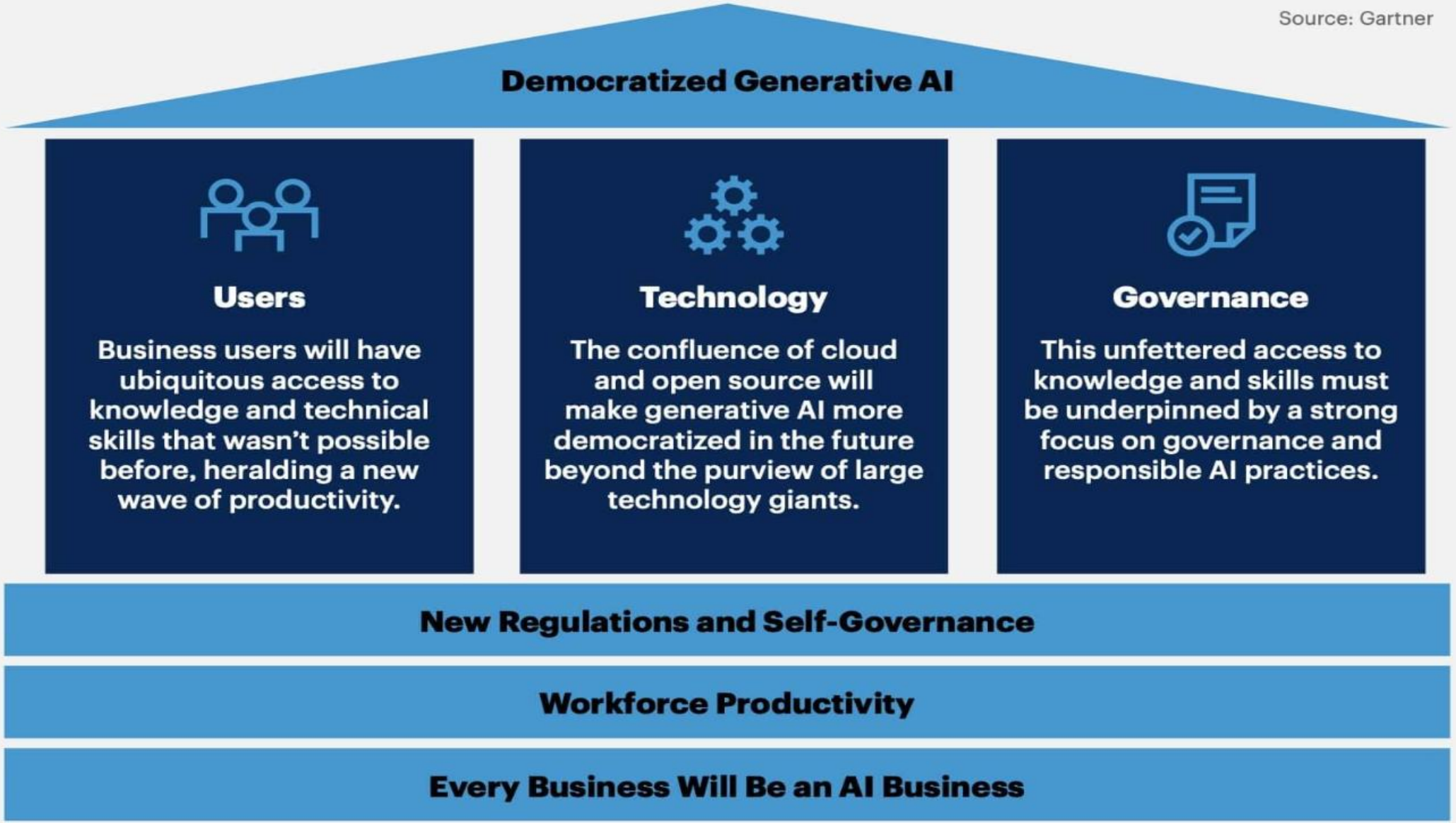
Source: Gartner



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CYPRUS AI VISION 2030

Strategic AI Hub

Transform Cyprus into a balanced AI hub within the EU, leveraging existing strengths while addressing infrastructure constraints

Economic Impact

Create 5,000+ high-skilled AI positions, following successful models from Estonia, Singapore, and Malta

Strategic Approach

Develop selective domestic AI capabilities where strategically essential, leverage existing computational assets, focus on high-value specialization, and maintain meaningful participation in AI value chains

CURRENT ECONOMIC FOUNDATION

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€32.5B

GDP (2024)

With 3.4% real growth

86.8%

Services

€27.21B - Highest in EU

11.4%

ICT

€3.09B - 2nd in EU27, 347% growth (2015-2024)

Sector	GDP Contribution	Value
Financial Services	10.1%	€2.8B
Professional Services	7.3%	€2.02B
Maritime	~7%	€1.034B
Manufacturing	4-5.2%	€1.42B

Employment: 516,127 persons, 4.5% unemployment (15-year low)

Digital Infrastructure: 100% coverage, 77.1% fiber-to-home

CYPRUS 2030?

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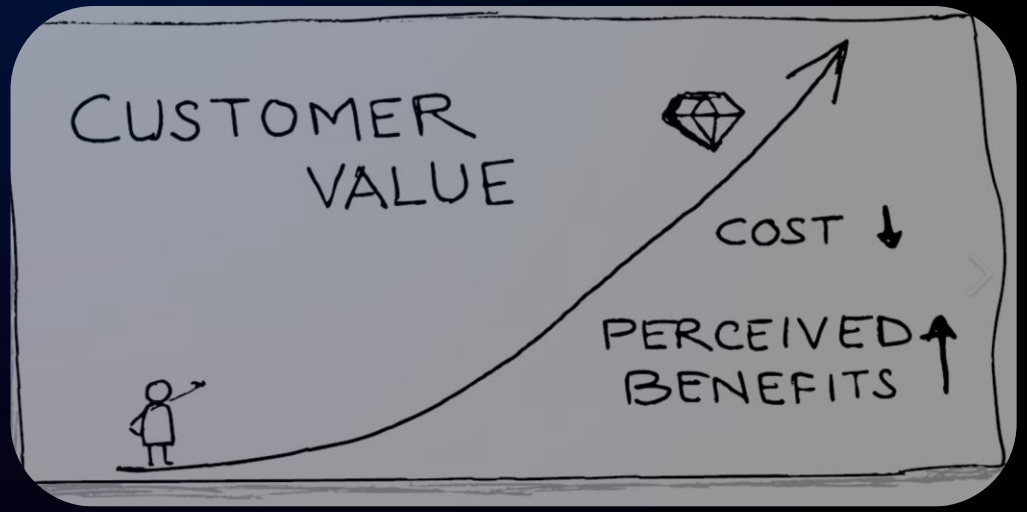
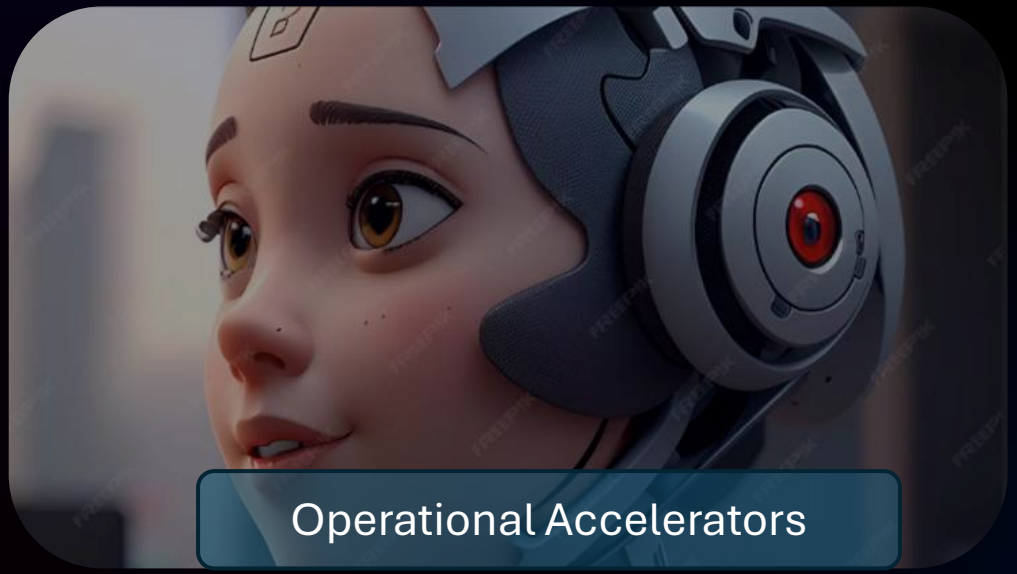
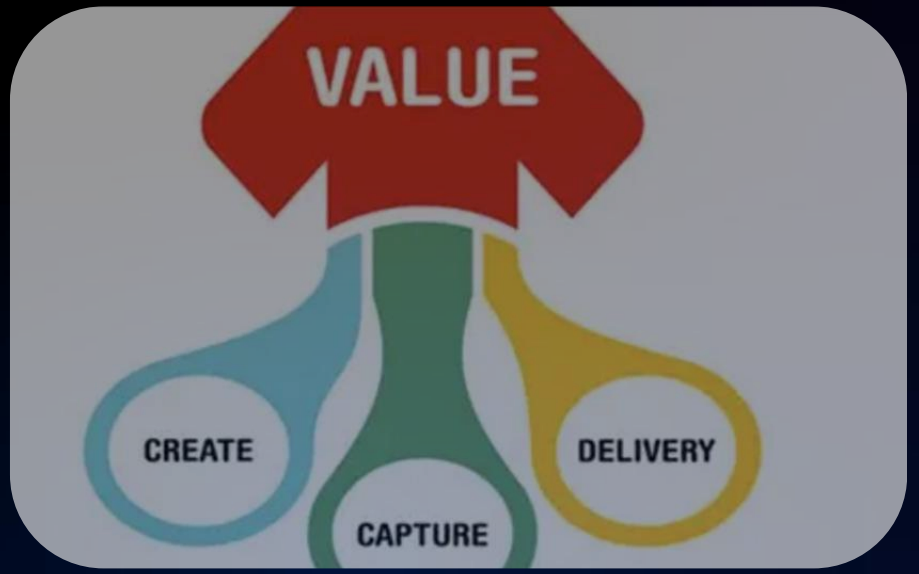
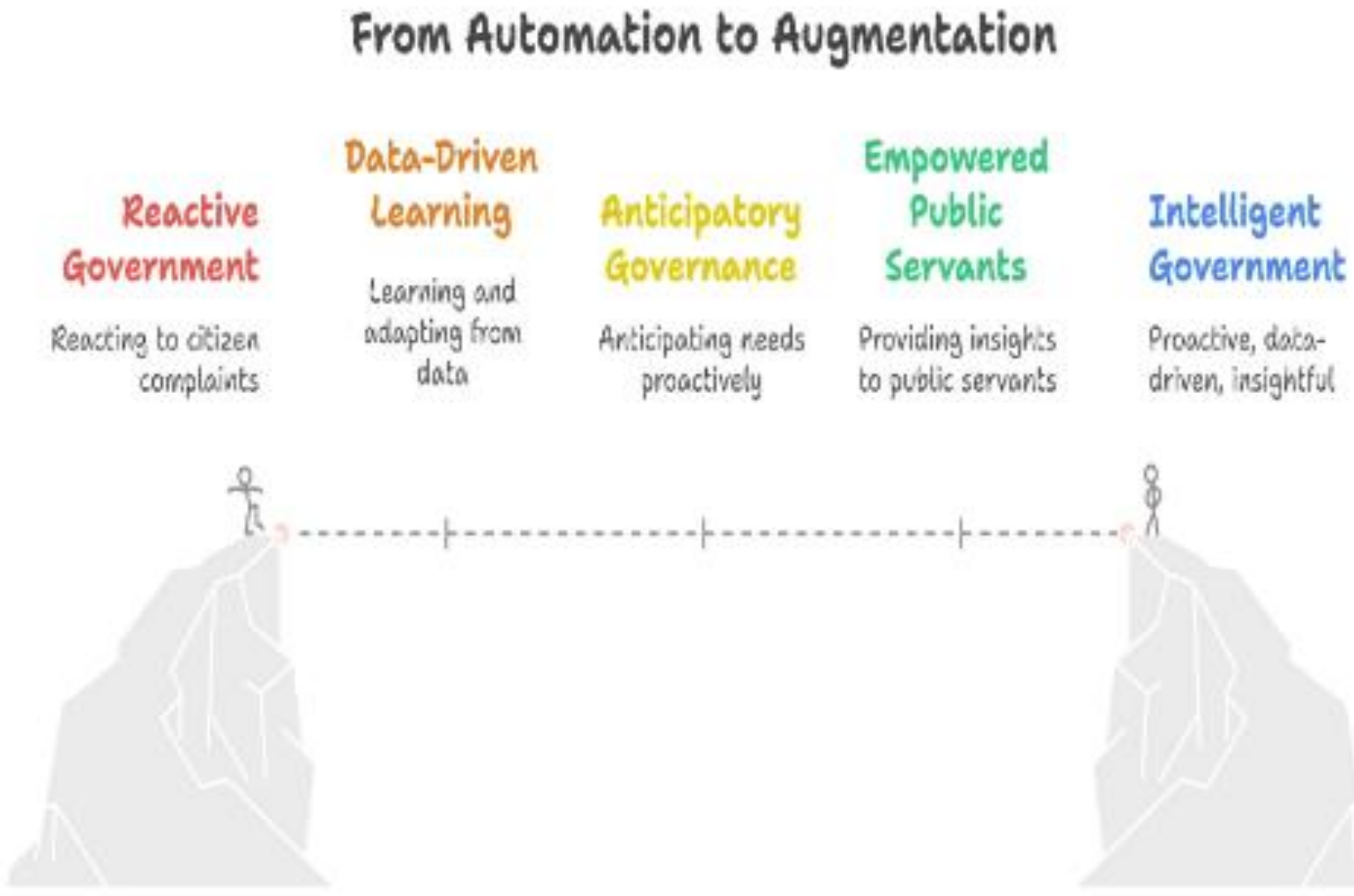






Intelligent Goverments Are In-Demand



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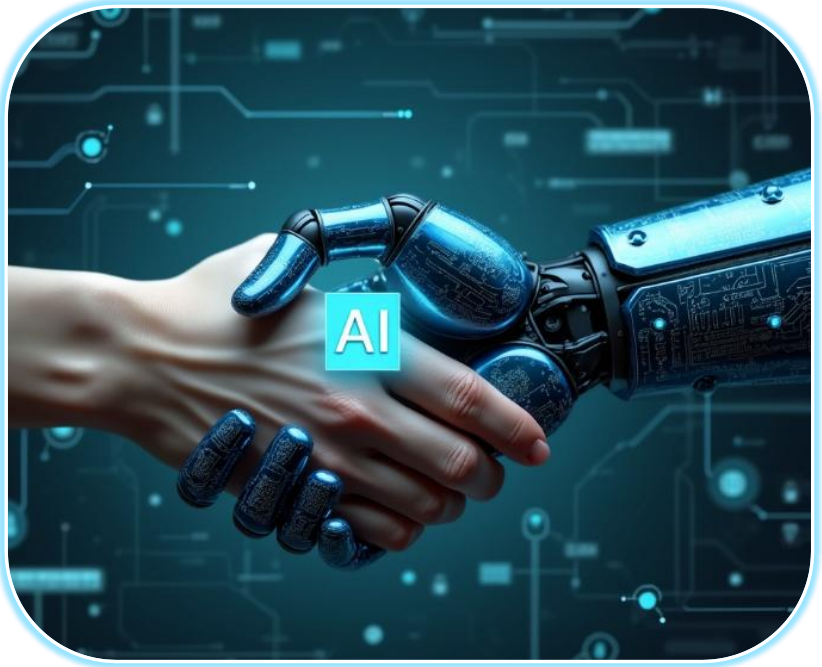
“It is not about replacing humans but empowering them to govern better, faster, and more fairly.”TEYMOURIAN, Dr. AMIR. Intelligent Government



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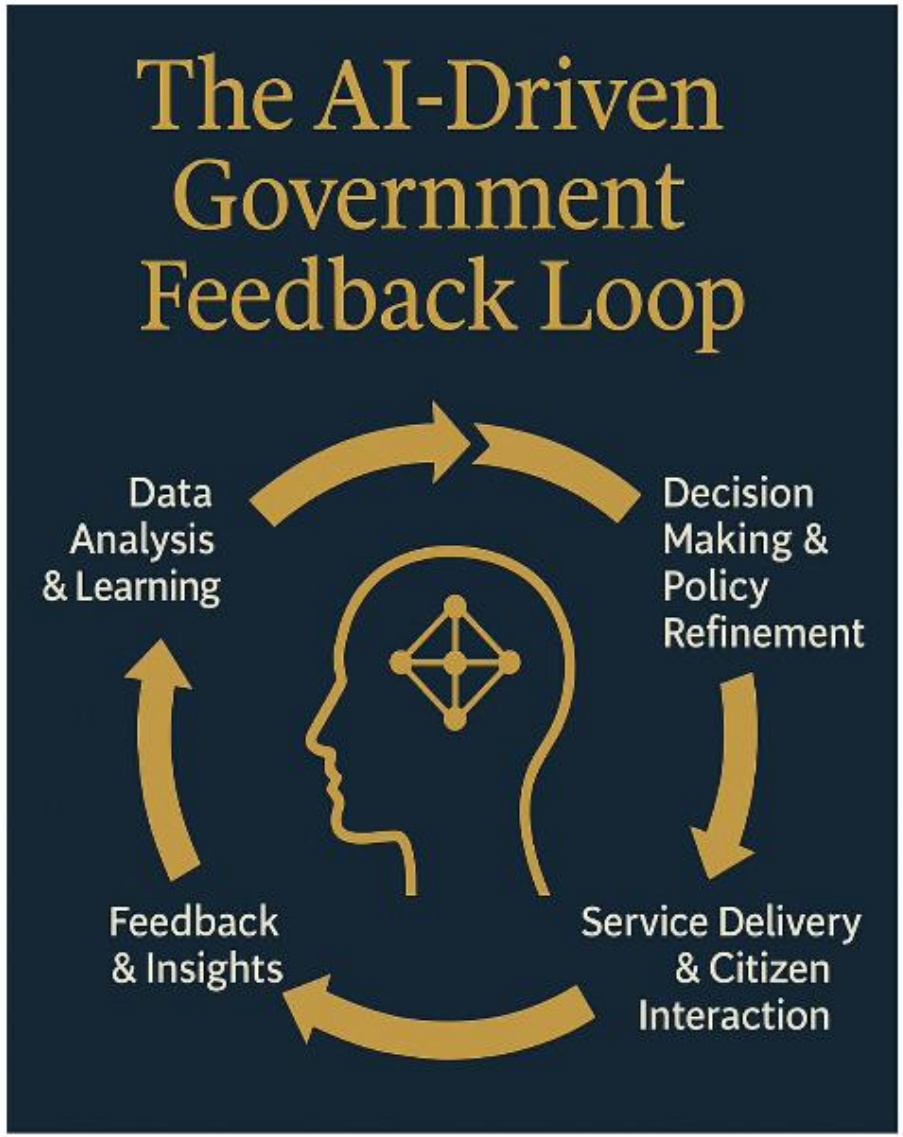

Foundations of Intelligent Governance

Agile Bureaucracy

Adapting to flexible and responsive decision-making.

Proactive Service Delivery

Anticipating citizen needs through data analysis.

Intelligent Government

Integrated Digital Infrastructure

Ensuring seamless data and system interoperability.

Evidence-Based Policymal

Using analytic inform policy decisions.

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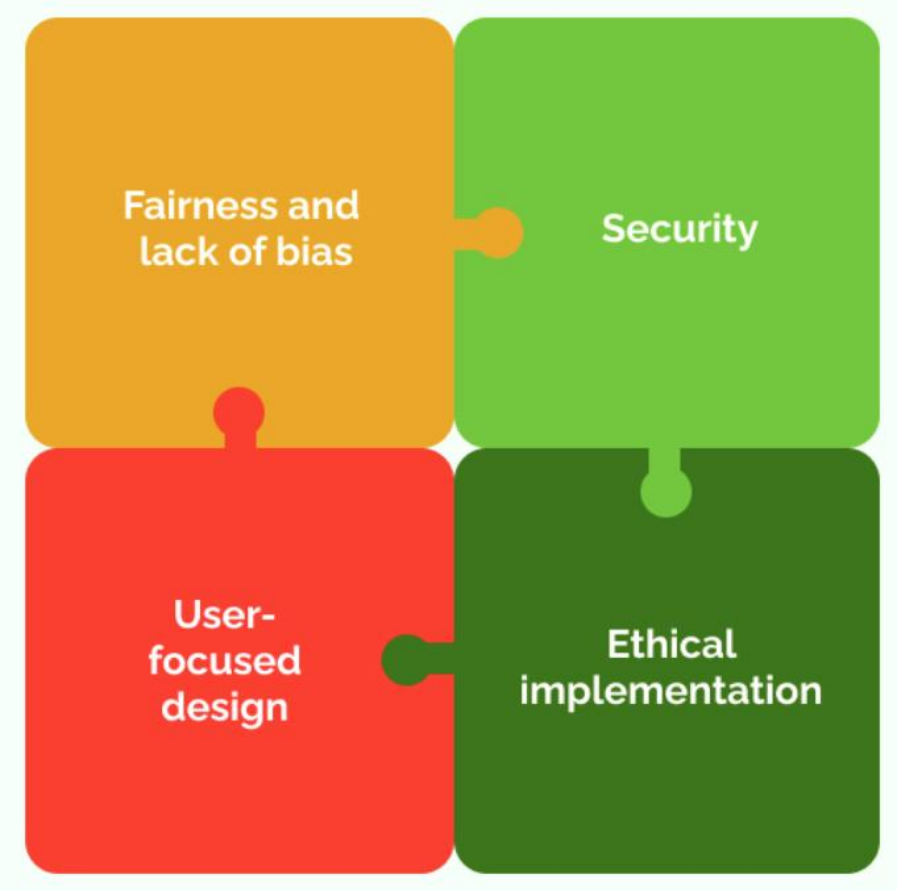
What are the human-centered AI values?



Advantages of Human Centered AI

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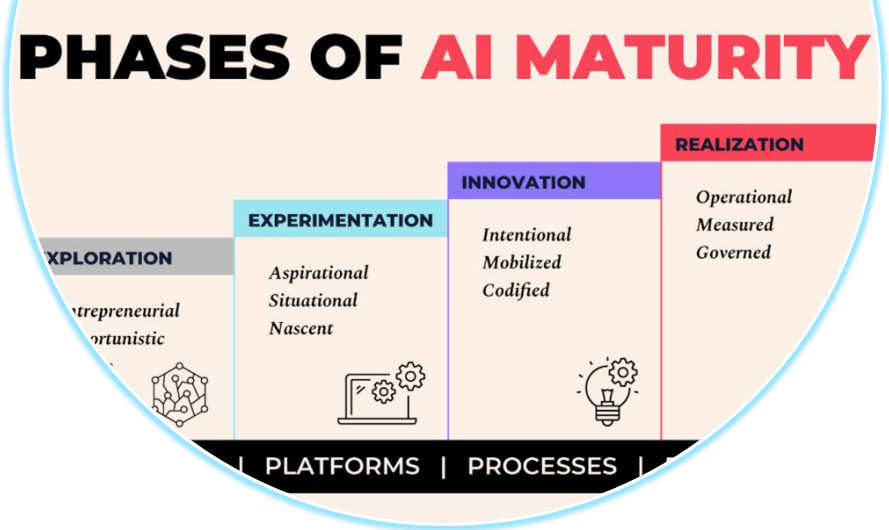
CYPRUS NATIONAL AI TASKFORCE

5 Working Groups

AI Maturity



AI Ethics OECD

Ensuring AI Strategic success for All

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AI IN RESEARCH

6+ Themes

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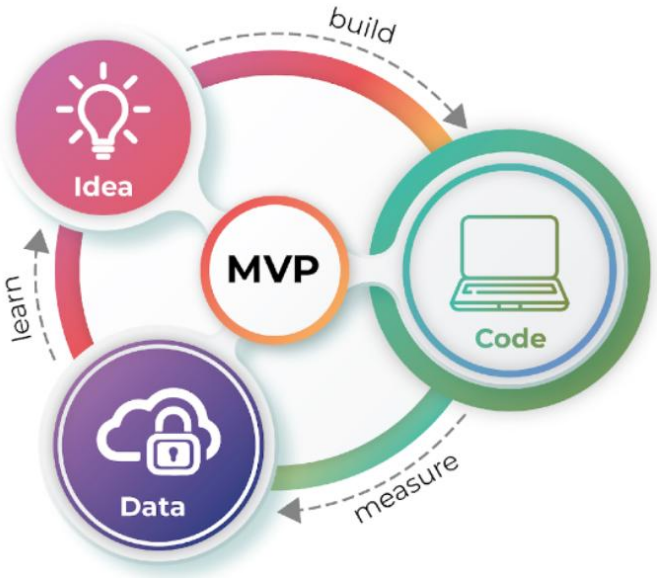
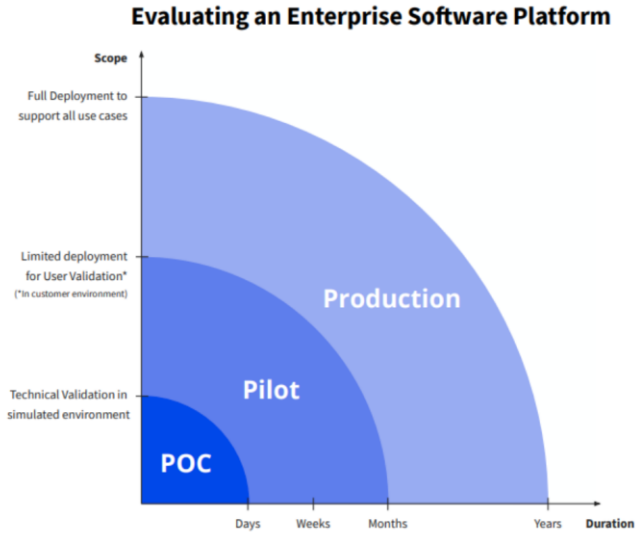
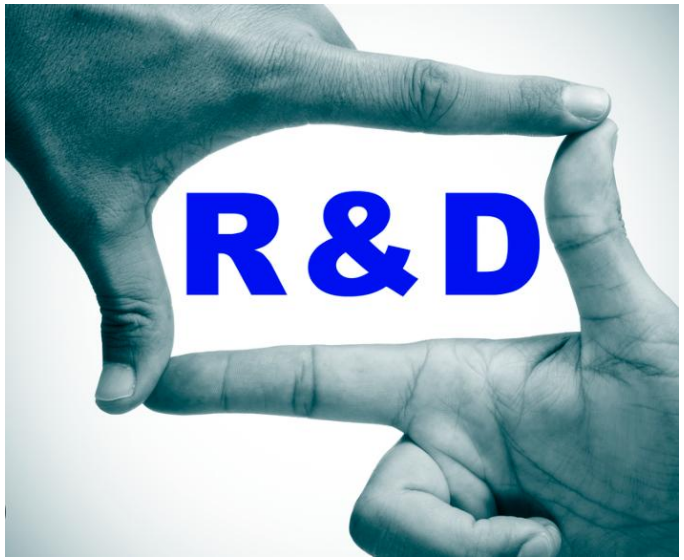
AI IN RESEARCH

6+ Themes

AI 4 GOVERNMENT CHALLENGE PROGRAMME - CYPRUS







9 months

27 months

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REPUBLIC OF CYPRUS

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AI 4 GOVERNMENT

DEPUTY MINISTRY OF RESEARCH, INNOVATION AND DIGITAL POLICY
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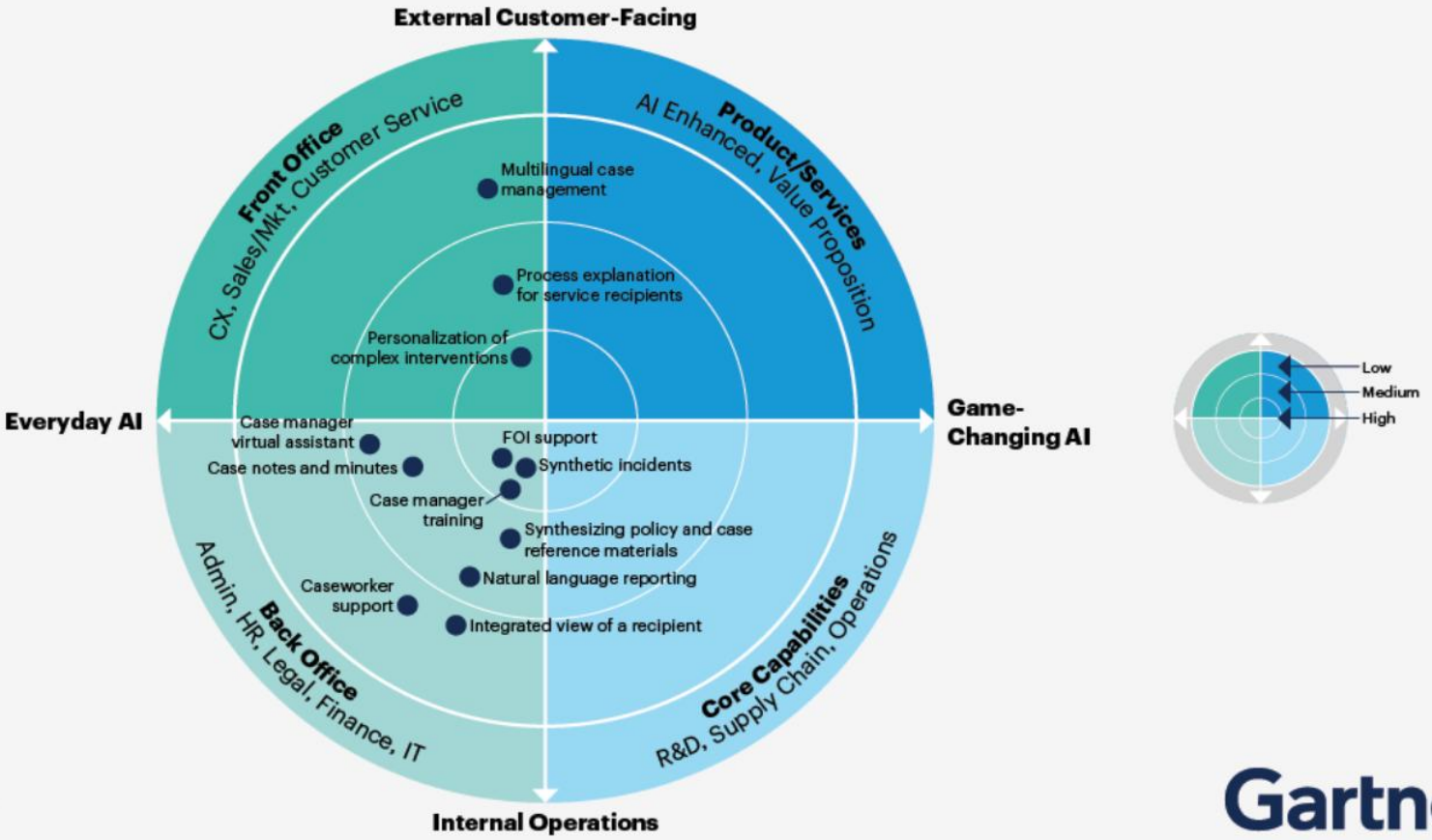
Government Challenges

Early Warning Meteorological Decision System

Student-Professional Skills analysis and policy system

Early Warning System for Disaster Management

The AI Opportunity Radar populated with human services industry use cases



Source: Gartner

Gartner

RETHINKING SMART GOVERNMENT SERVICES

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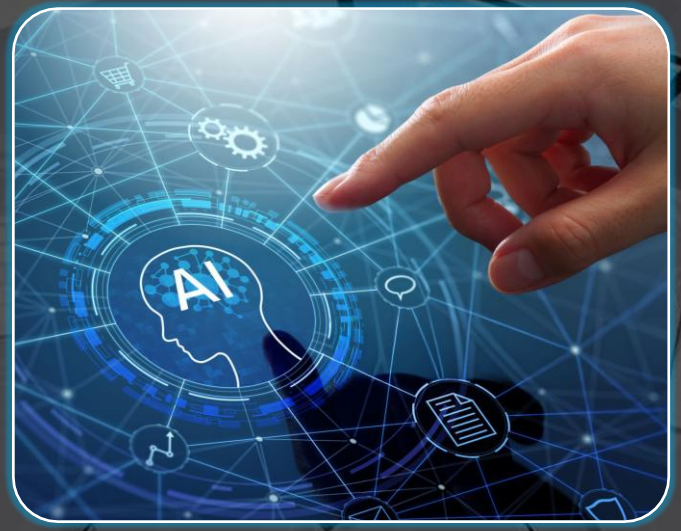
UNDERSTANDING AI USE-CASES

Conversational AI
Cognitive AI



Document Processing and Automation

Actionable Analytics
Evidence based policy making

AI DIGITAL TOOLBOX

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Industry operational / experience accelerators

- Operational & Productivity Accelerators (RPA/Agentic/MAS)
- Cognitive AI & Customer Service
- AI Driven Customer Engagement Platforms

Intelligent backbone

- Data platforms & AI
- Intelligent Cybersecurity edge solutions
- Secure Intelligent API & Integration Services

AI Industry focus prioritized

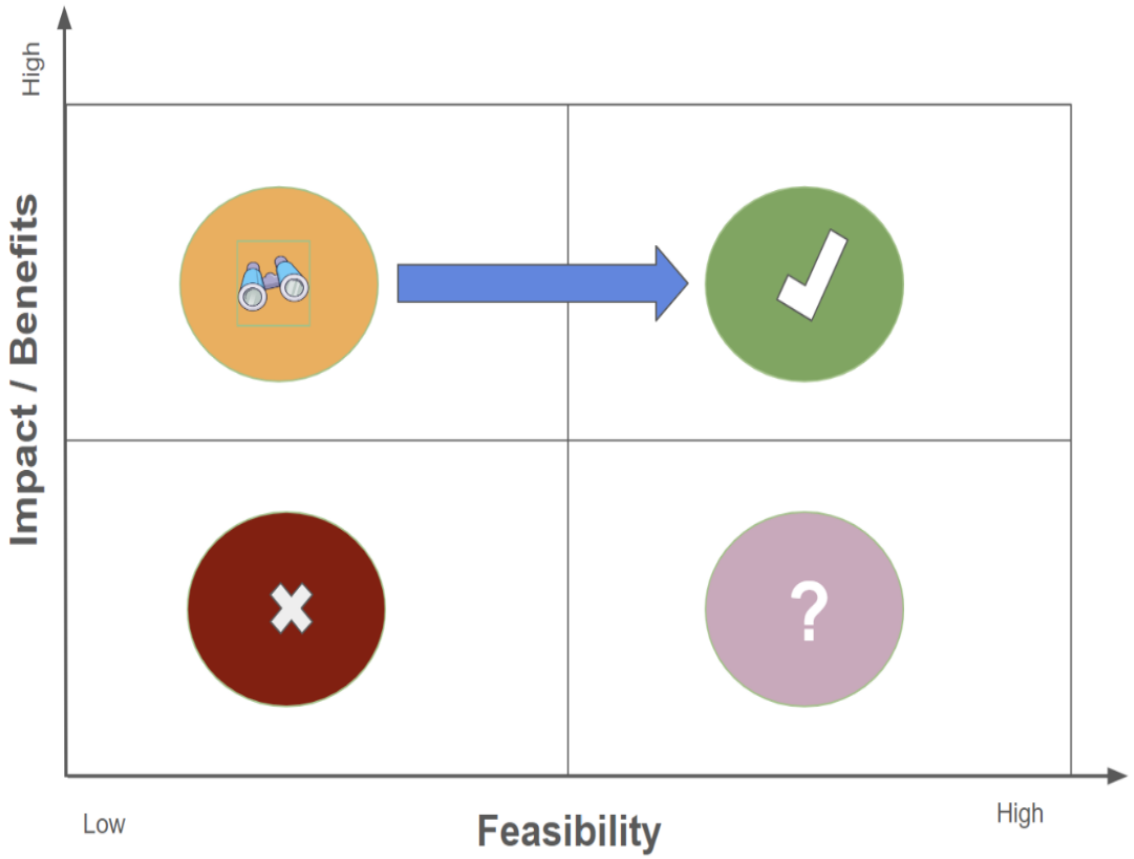
- Financial Services
- Legal
- Healthcare
- Tourism
- Maritime

Cross ministerial services

- X PS Use-case@1
- X PS Use case@2
- X PS Use-case@3
- X PS Use case@4

Public Sector

AI USE-CASE PRIORITIZATION



Objective	Use-case 1 (Score 1-5)
Alignment with business objectives	
Expected value	
Data availability	
Operationalization difficulty	
Risc and compliance	
Differentiation	
Stakeholder support	
Total	

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AI IMPACT EVERYONE

Requires Change of Leadership, Organizational, Personal Mindset
Re-skilling & Up skilling required

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AI BEST PRACTICES IN GOVERNMENT

GLOBAL BEST PRACTICES

Ethical Guidelines for AI

Implementing clear ethical guidelines ensures transparency and fairness in how AI is used within government services.

Data Privacy and Security

Protecting citizens' data is critical; robust security measures prevent misuse or breaches of sensitive information.

Staff Training and Innovation

Continuous training helps public sector workers keep up with AI advancements and encourages responsible innovation and oversight.

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FUTURE CXO SUITE SUPPORTING CEO

Chief Compliance Officer

Chief Data Officer

Is the CXO team ready for The New Era?

Chief AI Officer

Chief Technology Officer

INFRASTRUCTURE

SMART GOVERNMENT FUTUREPROOF PLATFORMS FOR SCALE

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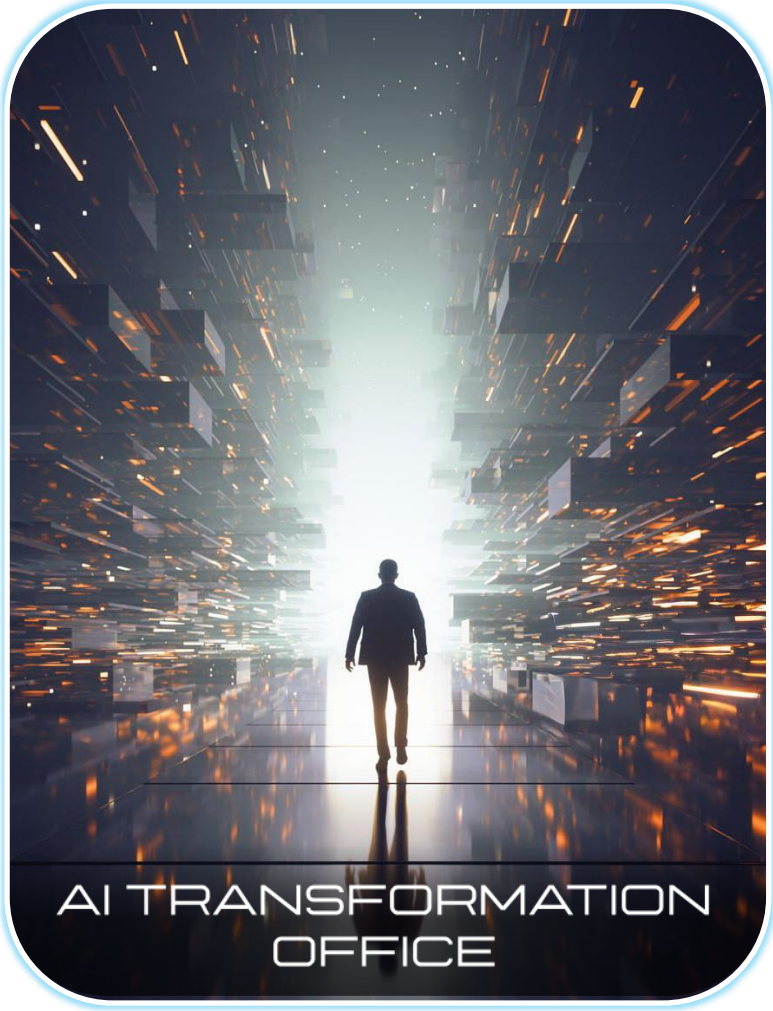

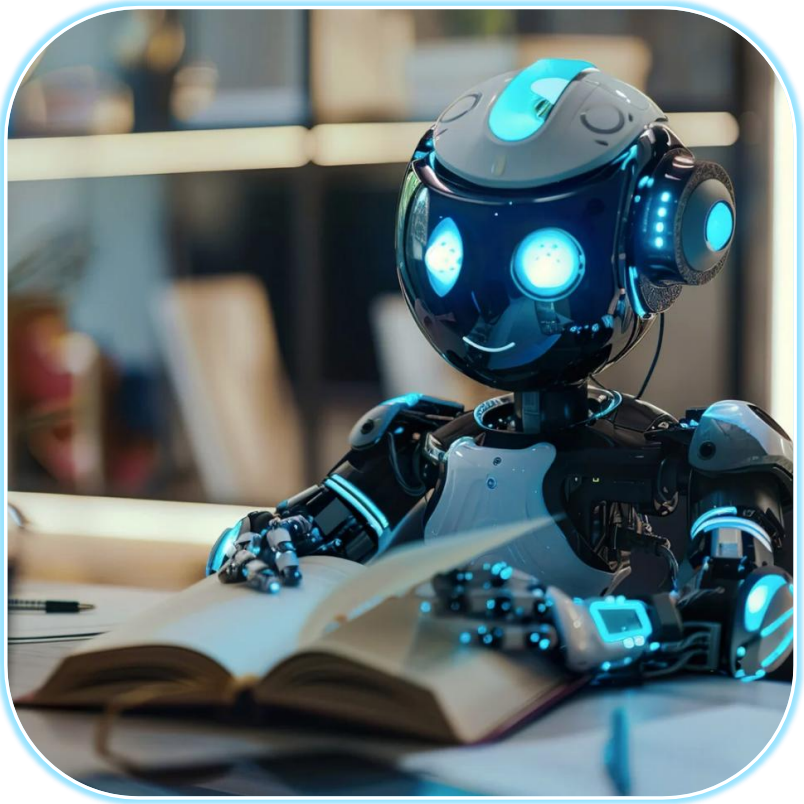

EVERYONE KNOWS HOW TO AI

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Questions to be answered?

1. Are we Building for Citizens, Stakeholders
   Of just consuming technology?

2. How do you Build AI Expereinces that Scale?

3. Who is Accountable for AI Adoption?

AI TEAM 4 SUCCESS

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CUSTOMER INTIMACY

Chief Experience Officer

AI Product Manager

OPERATIONAL EXCELLENCE