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FOUNDATION

CYPRUS AI 2030: AI FOR GOVERNMENT, RESEARCH, AND INDUSTRY

Demetris Skourides

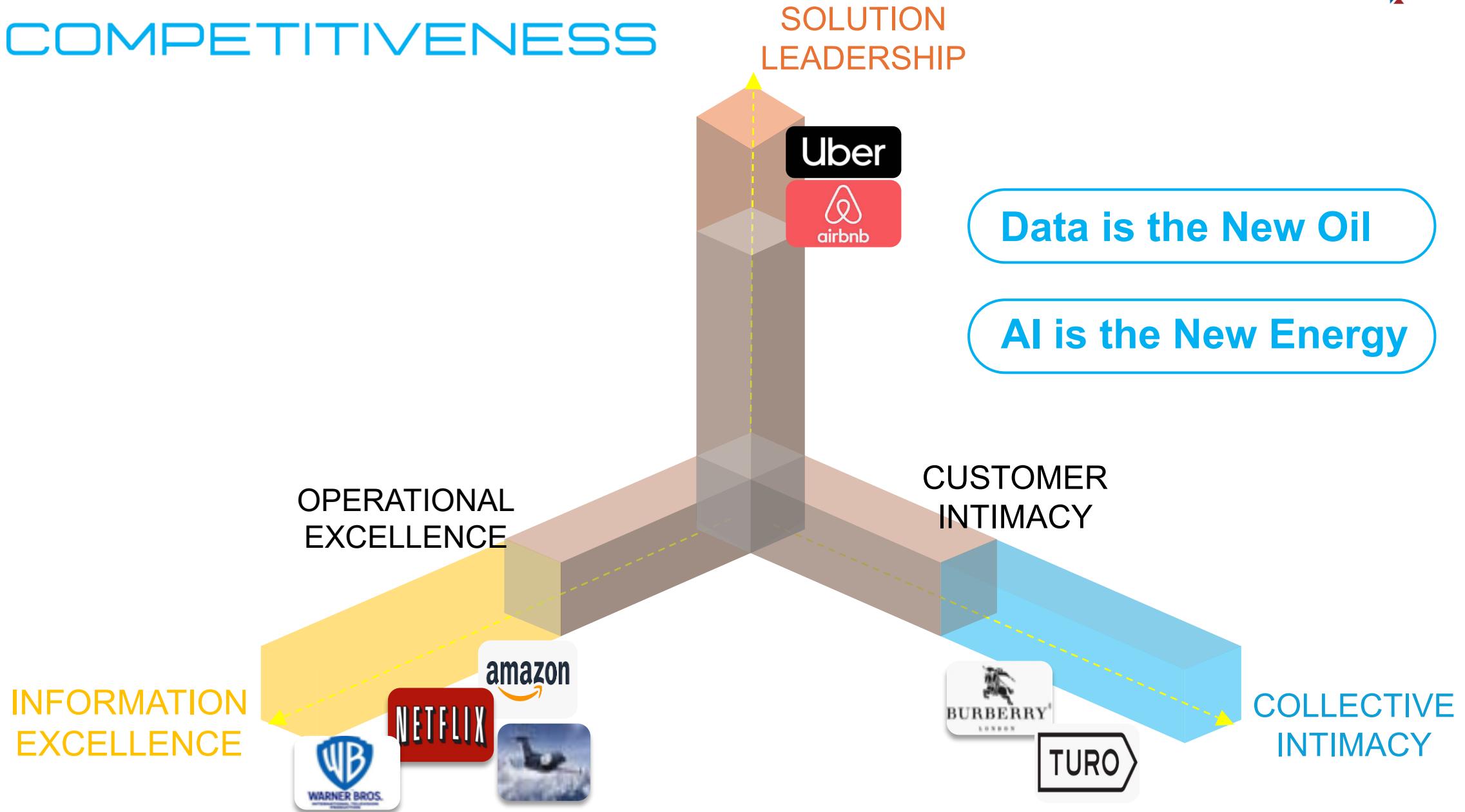
Chief Scientist of the Republic of Cyprus

Chair of the National AI Taskforce

Cyprus AI Conference



BUSINESS MODEL COMPETITIVENESS



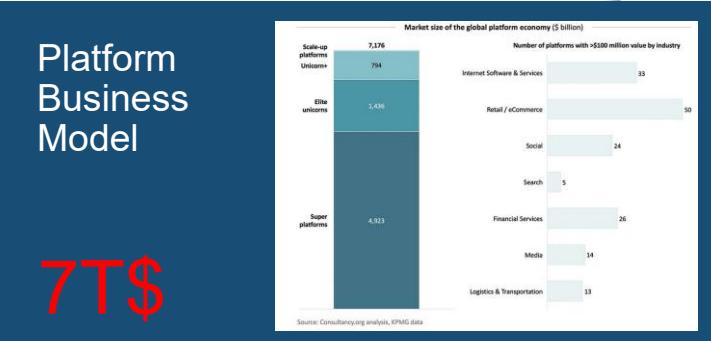
THE PLATFORM ECONOMY



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Inclusiveness of transaction

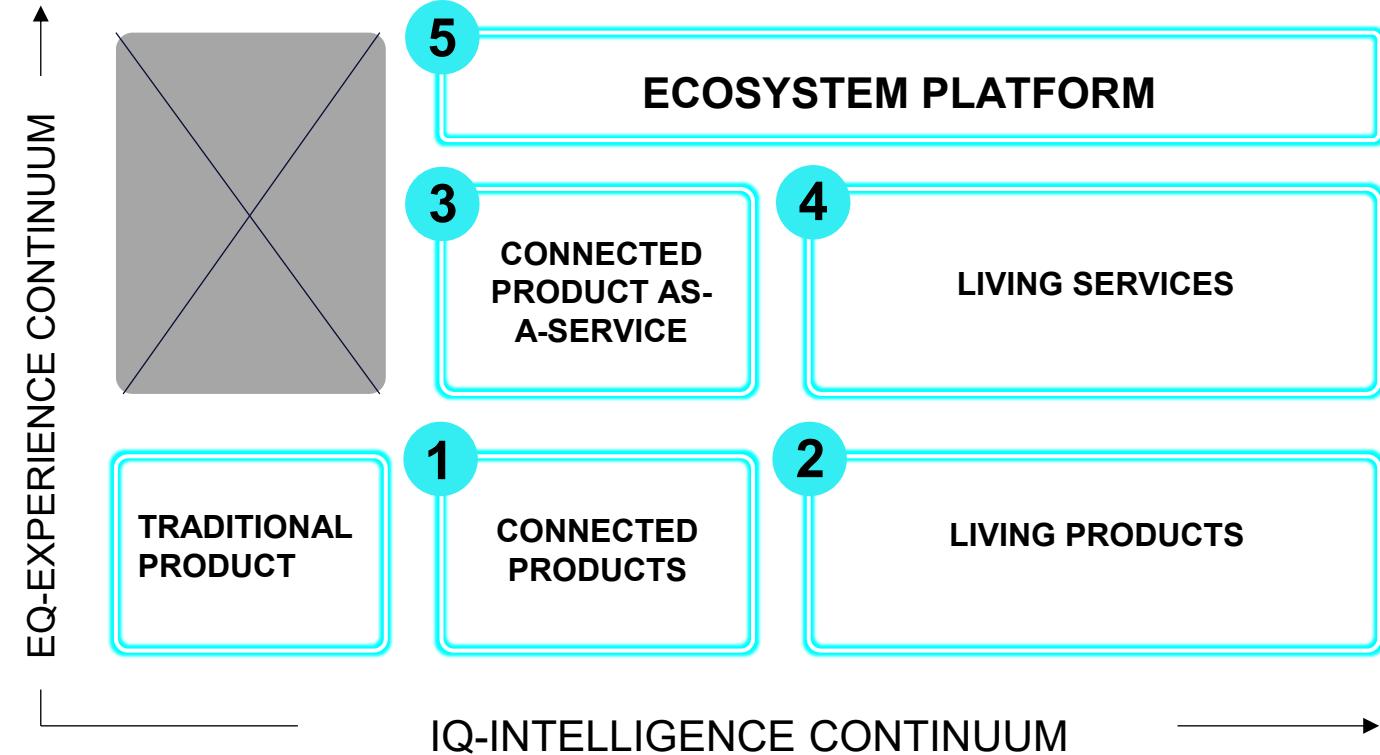
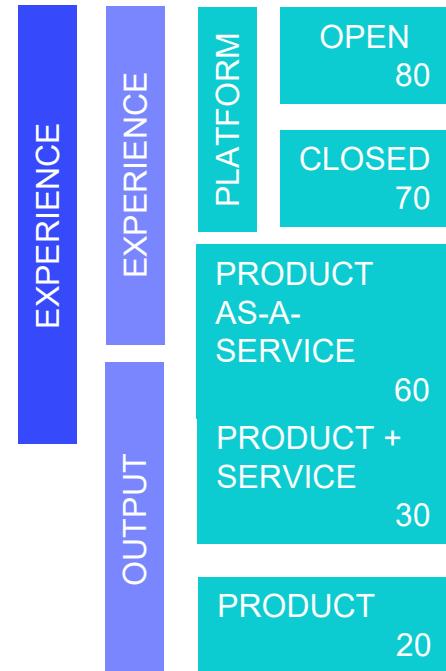


Customization of Offering



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





HYPE CYCLE FOR GENERATIVE AI, 2025

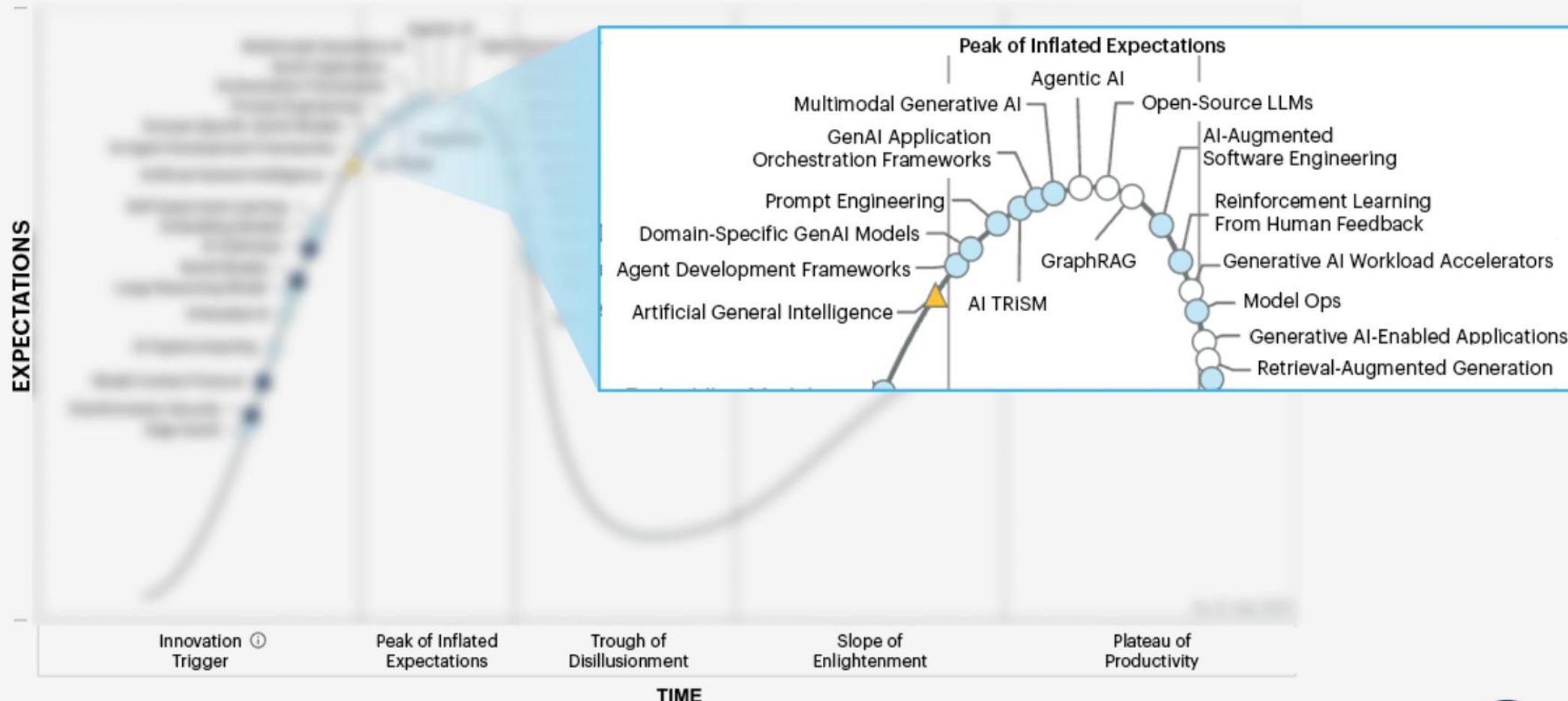
Plateau will be reached:

○ < 2 yrs.

● 2-5 yrs.

● 5-10 yrs.

▲ >10 yrs.



Source: Gartner

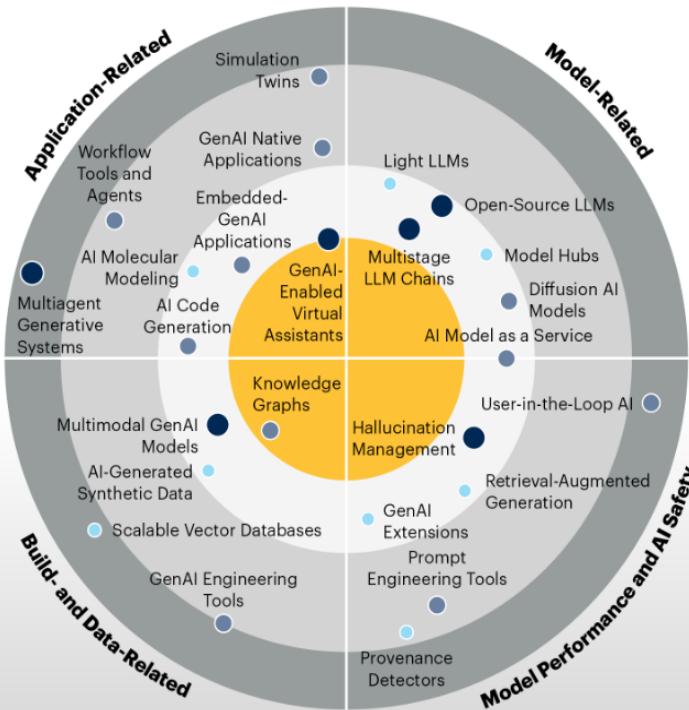
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WHAT'S HAPPENING



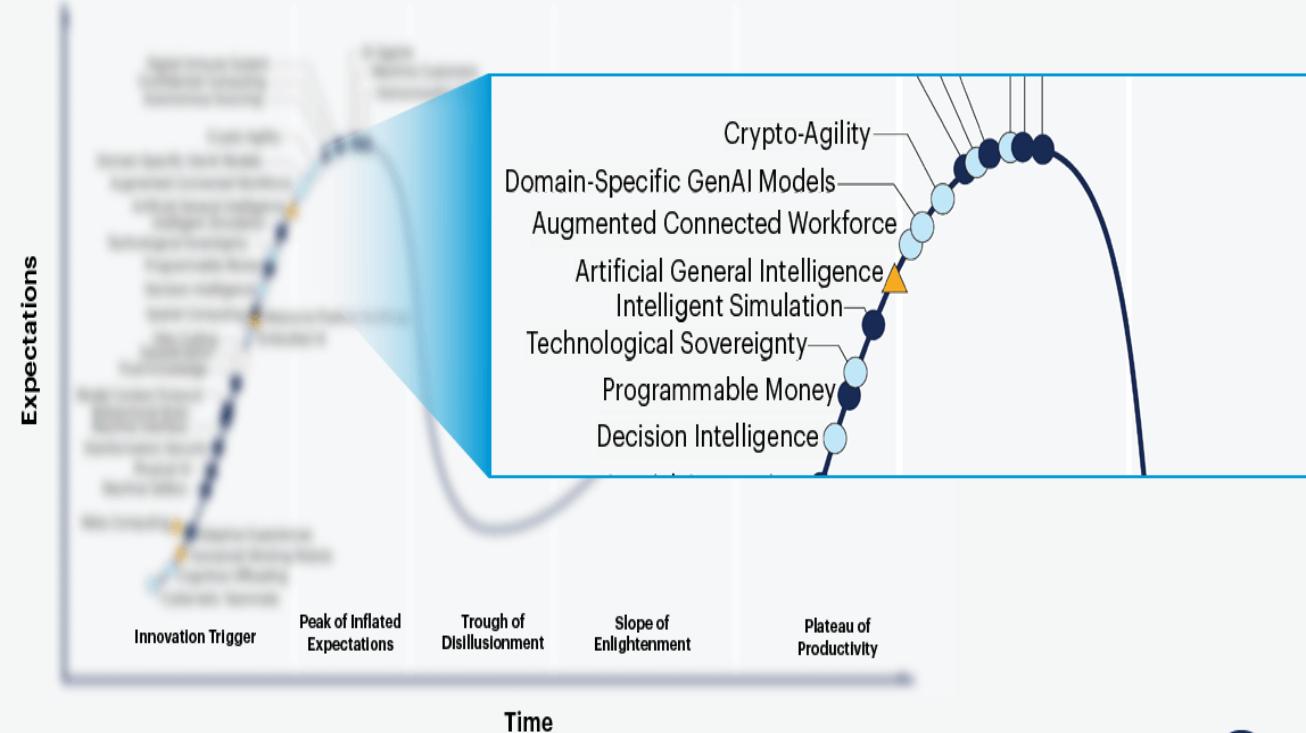
Impact Radar for Generative AI



Gartner

Hype Cycle of Emerging Technologies, 2025

Plateau will be reached: ○ < 2 years ○ 2 – 5 years ● 5 – 10 years △ >10 years ✖ obsolete before plateau



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Gartner



Source: Gartner

Democratized Generative AI



Users

Business users will have ubiquitous access to knowledge and technical skills that wasn't possible before, heralding a new wave of productivity.



Technology

The confluence of cloud and open source will make generative AI more democratized in the future beyond the purview of large technology giants.



Governance

This unfettered access to knowledge and skills must be underpinned by a strong focus on governance and responsible AI practices.

New Regulations and Self-Governance

Workforce Productivity

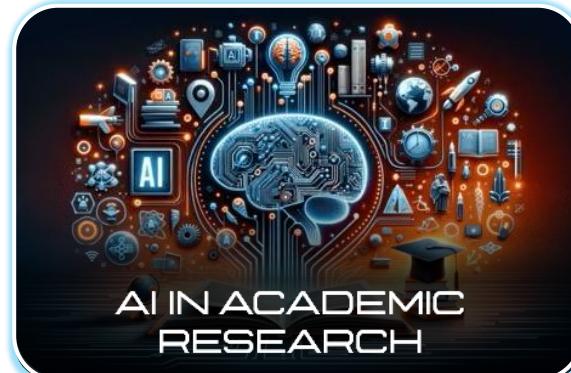
Every Business Will Be an AI Business



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CYPRUS NATIONAL AI TASKFORCE





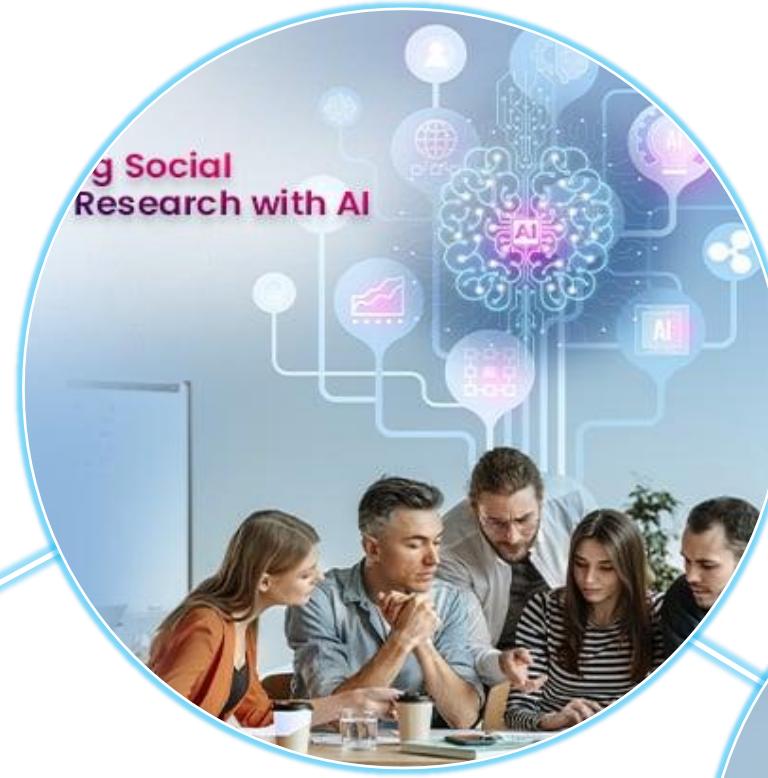
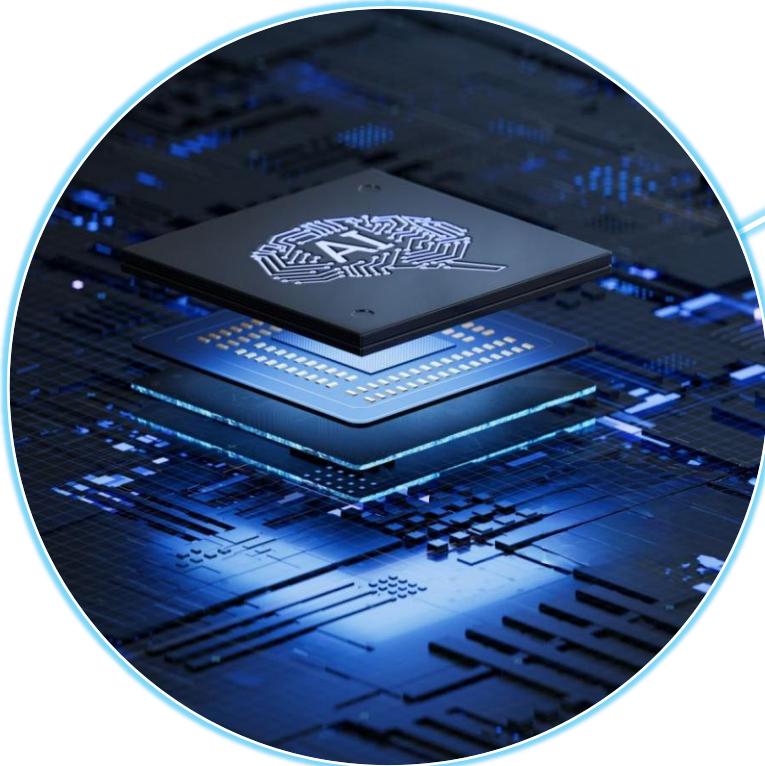
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AI IN RESEARCH



AI IN RESEARCH

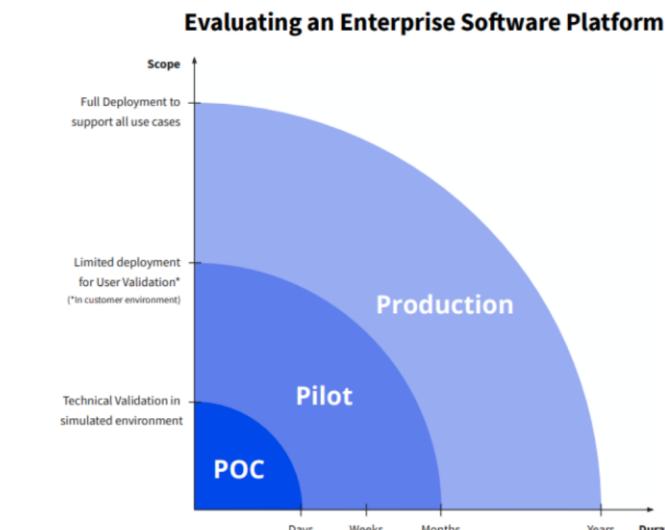
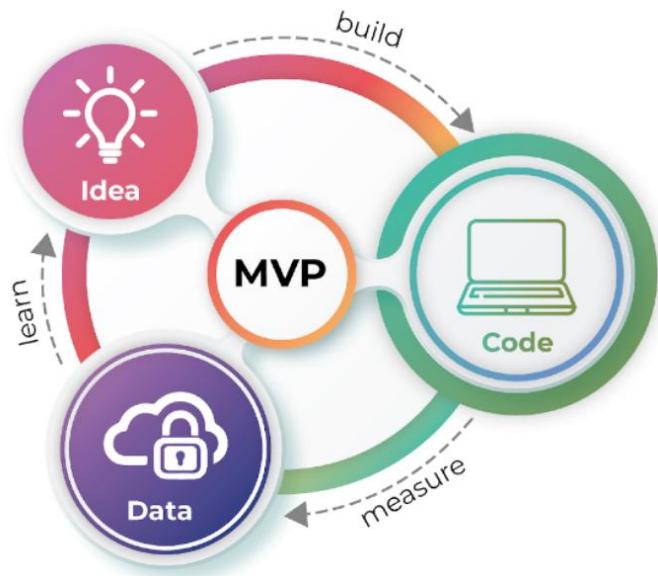


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AI 4 GOVERNMENT CHALLENGE PROGRAMME - CYPRUS



9 months

27 months



DEPUTY MINISTRY OF
RESEARCH, INNOVATION
AND DIGITAL POLICY
REPUBLIC OF CYPRUS



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AI 4 GOVERNMENT

Government Challenges



Early Warning Meteorological Decision System



Student-Professional Skills analysis and policy system



Early Warning System for Disaster Management

UNDERSTANDING AI USE-CASES



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Conversational AI
Cognitive AI



Document
Processing and
Automation



Actionable Analytics
Evidence based policy
making

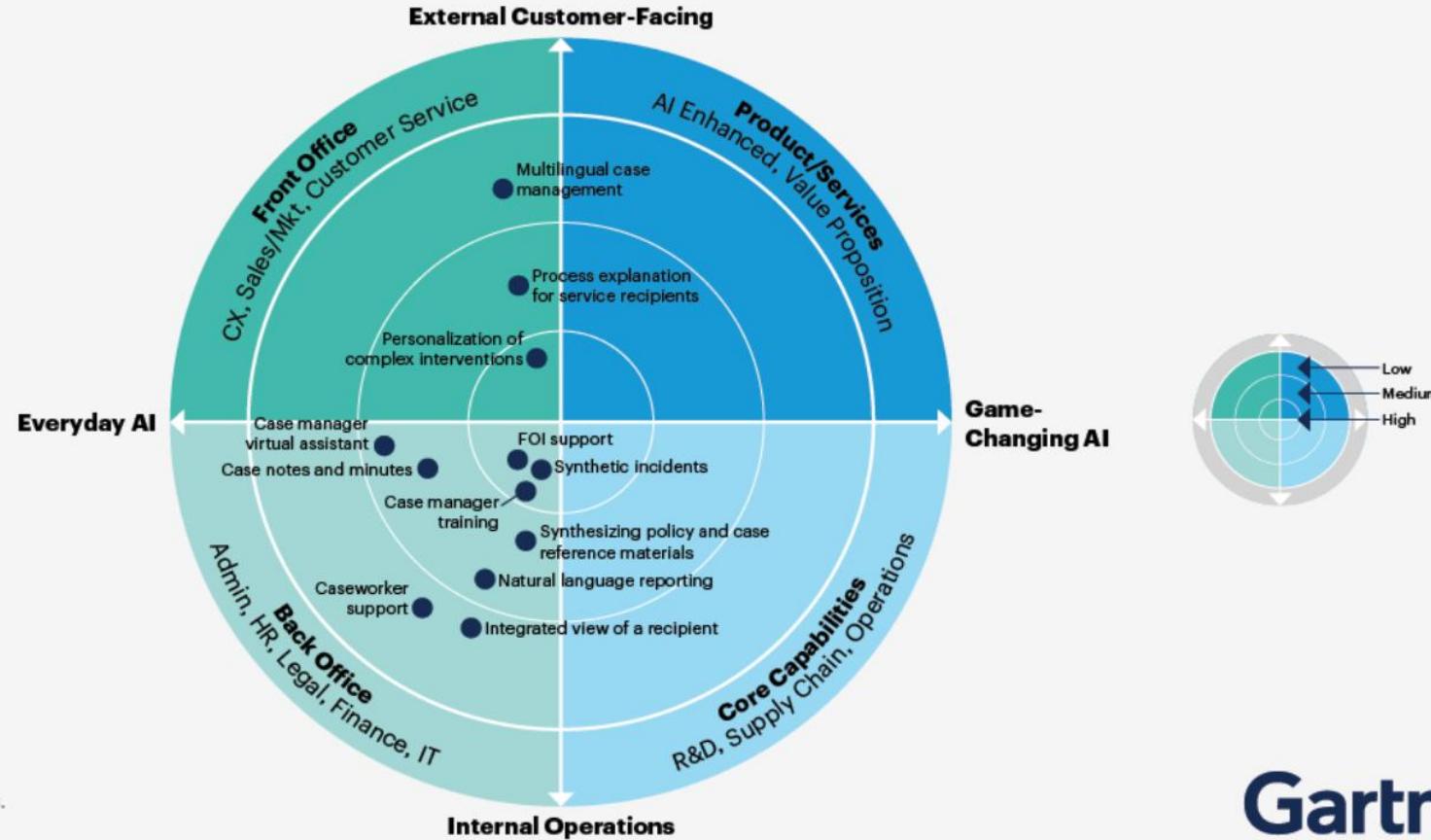


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The AI Opportunity Radar populated with human services industry use cases



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RETHINKING SMART GOVERNMENT SERVICES



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

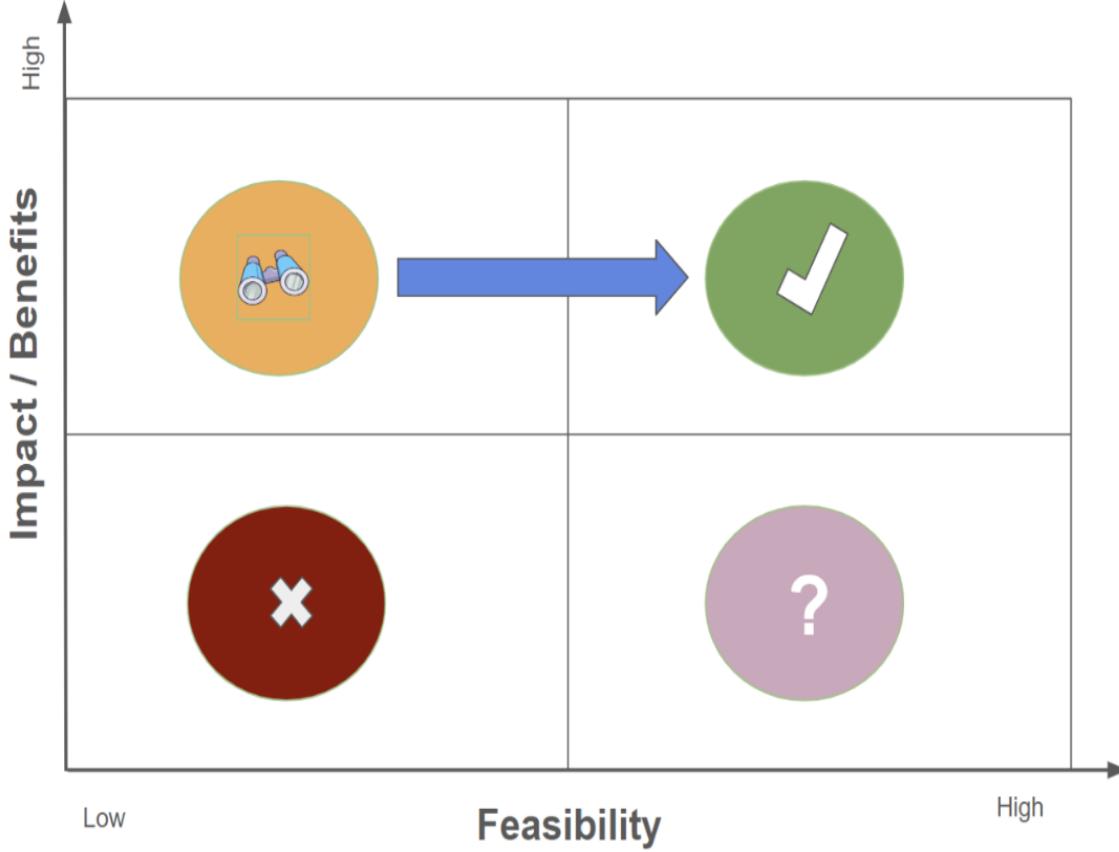
X PS Use case@2

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





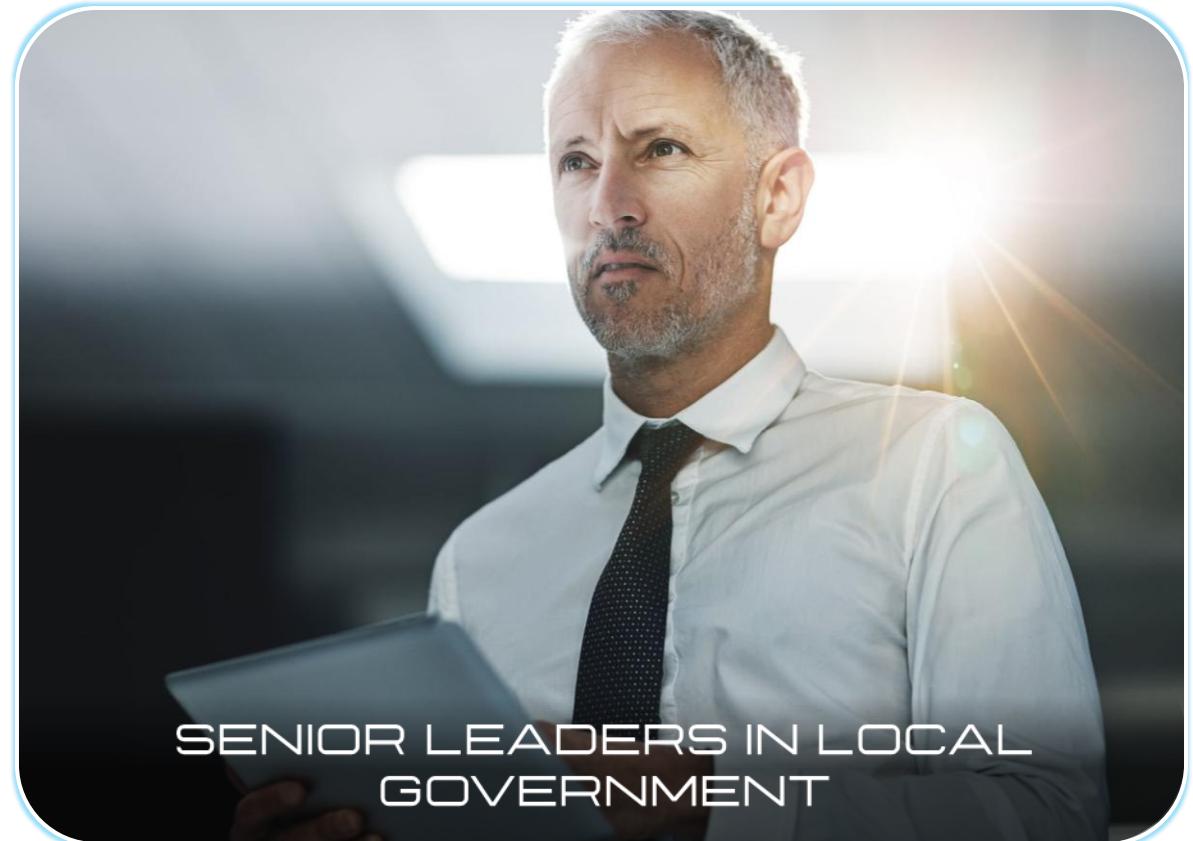
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AI BEST PRACTICES IN GOVERNMENT

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.



INFRASTRUCTURE



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CHIEF TRANSFORMATION OFFICE

LEADERSHIP TEAM



FUTURE CXO SUITE SUPPORTING CEO

- Changing Dynamics Require a Reviewed Perspective of DATA

Is the CXO team ready for
The New Era?

Chief
Technology
Officer



Chief Compliance Officer



Chief Data Officer



Chief AI Officer



Chief
Experience
Officer



AI TEAM



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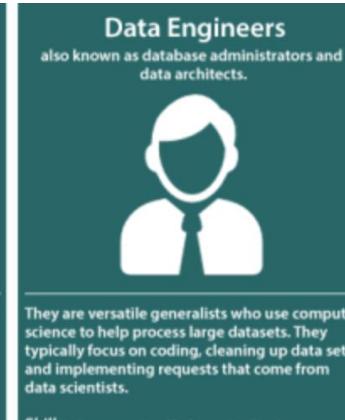


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Chief Experience Officer



A data scientist will be able to take data science projects from end to end. They can help store large amounts of data, create predictive modelling processes and present the findings.



They are versatile generalists who use computer science to help process large datasets. They typically focus on coding, cleaning up data sets, and implementing requests that come from data scientists.



They typically help people from across the company understand specific queries with charts.

AI Product Manager

