

SMART DUBAI

BUILDING A CITY'S AI ECONOMY

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“To make Dubai the happiest city on Earth”

HIS HIGHNESS SHEIKH MOHAMMED BIN RASHID AL MAKTOUM

VICE-PRESIDENT AND PRIME MINISTER OF THE UAE, AND RULER OF DUBAI



A FOUR PRONGED APPROACH

- AI LAB
- DATA GOVERNANCE
- ETHICAL AI TOOLKIT
- AI ETHICS ROADMAP





43 USE CASES
IDENTIFIED

20 ENTITIES



TRANSPORT



HEALTH



TOURISM



TRAVEL



EDUCATION



REAL ESTATE



LOGISTICS



GOVERNMENT



RETAIL



SECURITY



The city's virtual assistant
kickstarting our AI strategy

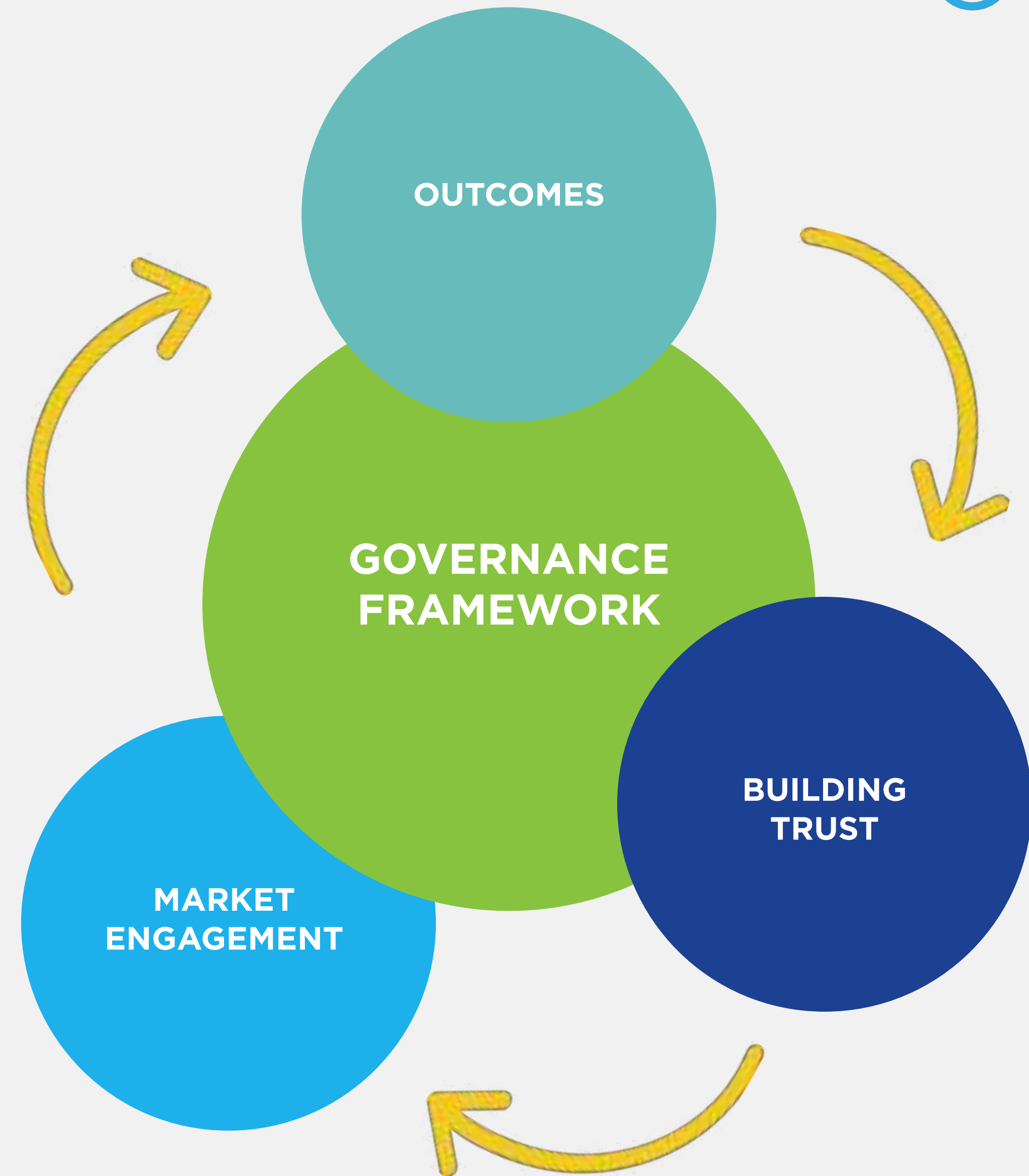
Data Governance 2.0

Balancing innovation potential while protecting privacy and value

BUILD TRUST

INCENTIVIZE

DEMONSTRATE



DUBAI'S AI ECONOMY

Ethical AI Principles & Guidelines

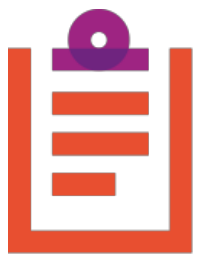
Developing AI Ethics Principles & Guidelines to excel in the use and development of AI for human benefit and happiness



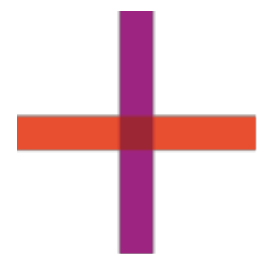
Dubai's AI Principles



Ethical AI Guidelines



FATE Self-Assessment Checklist



Supplementary Documents



DUBAI'S AI PRINCIPLES



Ethical AI Principles



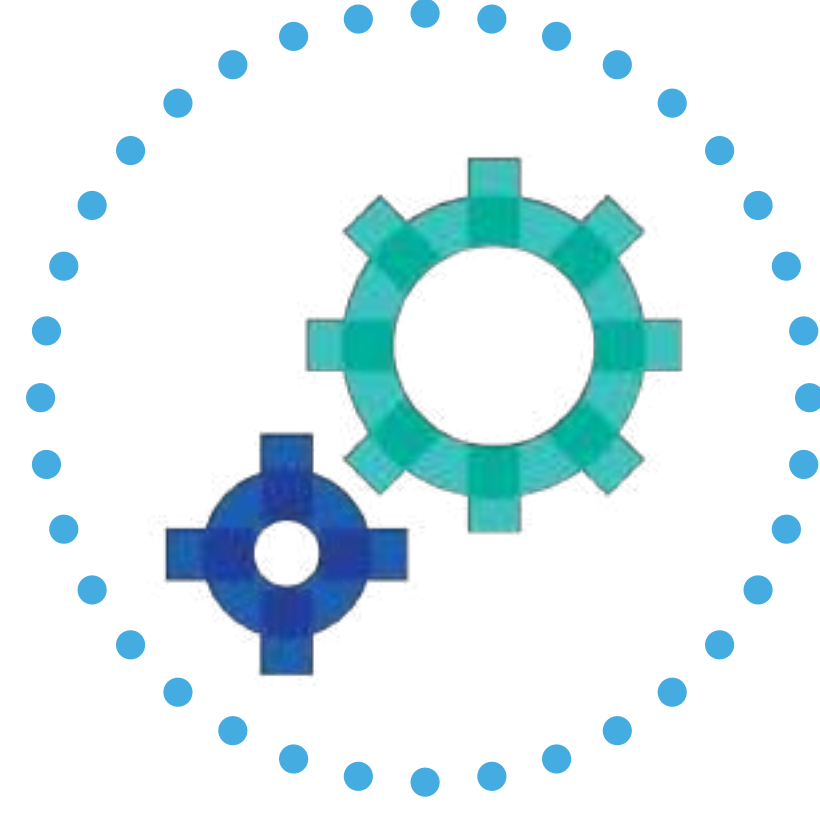
HUMANITY

AI should be beneficial and aligned with human values, in both the long and short term



INCLUSIVENESS

AI should benefit all people in society, be governed globally, and respect dignity and human rights



ETHICS

AI systems should be fair, transparent, accountable and understandable



SECURITY

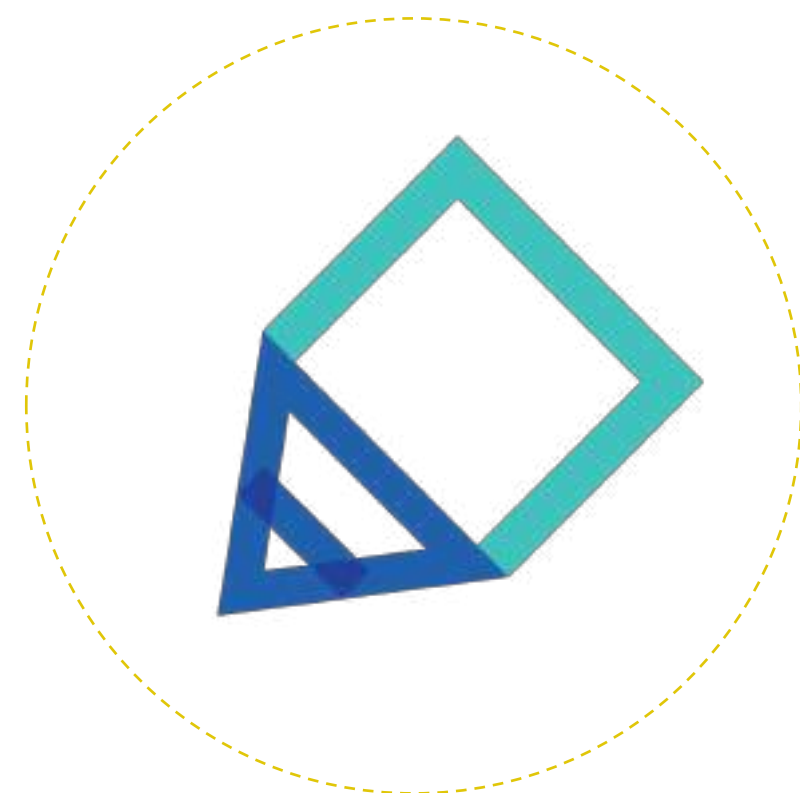
AI systems should be safe and secure, and should serve and protect humanity



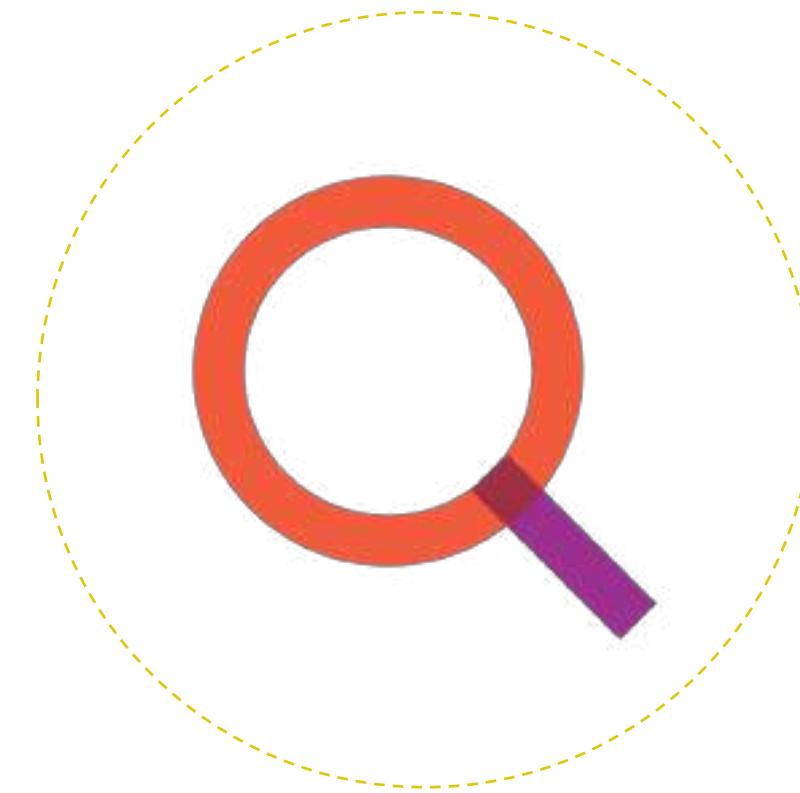
How We Define Our Ethical AI Principles



FAIRNESS



ACCOUNTABILITY



TRANSPARENCY



EXPLAINABILITY

Ethical AI Self-Assessment Tool Implementation



KHDA

COGNITIVE SCHOOL FINDER

Description: The aim of this POC is to provide a recommendation to new parents and students who are trying to find a new school

Overall performance level



Overall Score

CUSTOMS

RISK ENGINE

Description: The system works with the customs officers to identify potential risky declarations while reducing the effort of the customers spend on false risks

Overall performance level



Overall Score

DHA

PATIENT DETERIORATION DETECTION

Description: The system aim to help nurses monitor patients staying at the hospital. The AI system taken in 6 vitals periodically and can determine if a patient's health is likely to deteriorate

Overall performance level



Overall Score

Ethical AI Toolkit Roadmap





THANK YOU

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