

Data Governance: Privacy and Security in the Digital Age

EU AI Act What is in it for us?

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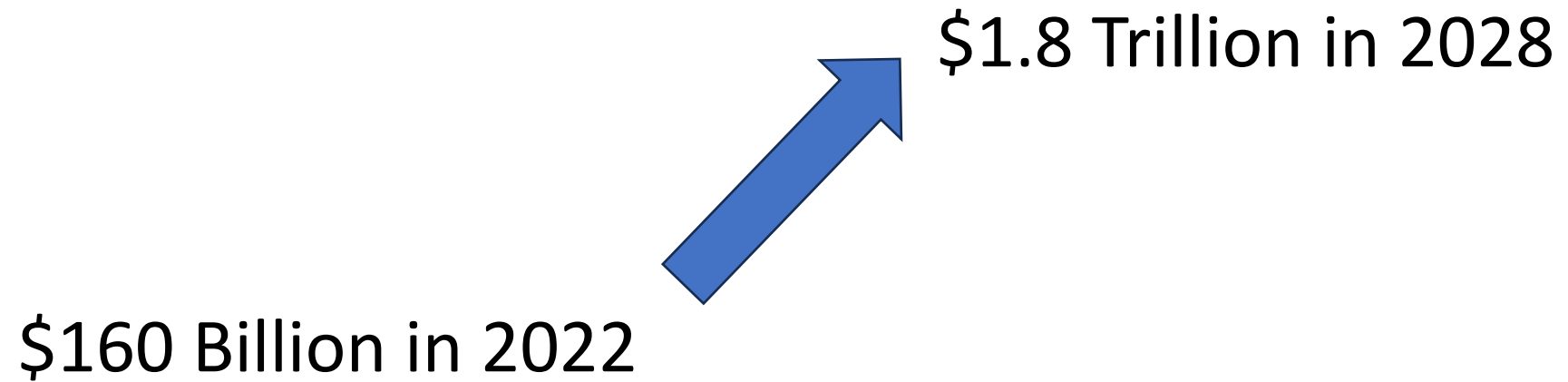
#Digital Public Good #AI #Inclusive Development

Champions of Change for Digital India



Privacy and Security is no
more critical to business!

It is the Business



DATA = MONEY / POWER

Every company/ government has to be
data (Digital) company/ governemnt now!

India Model
Data4Development

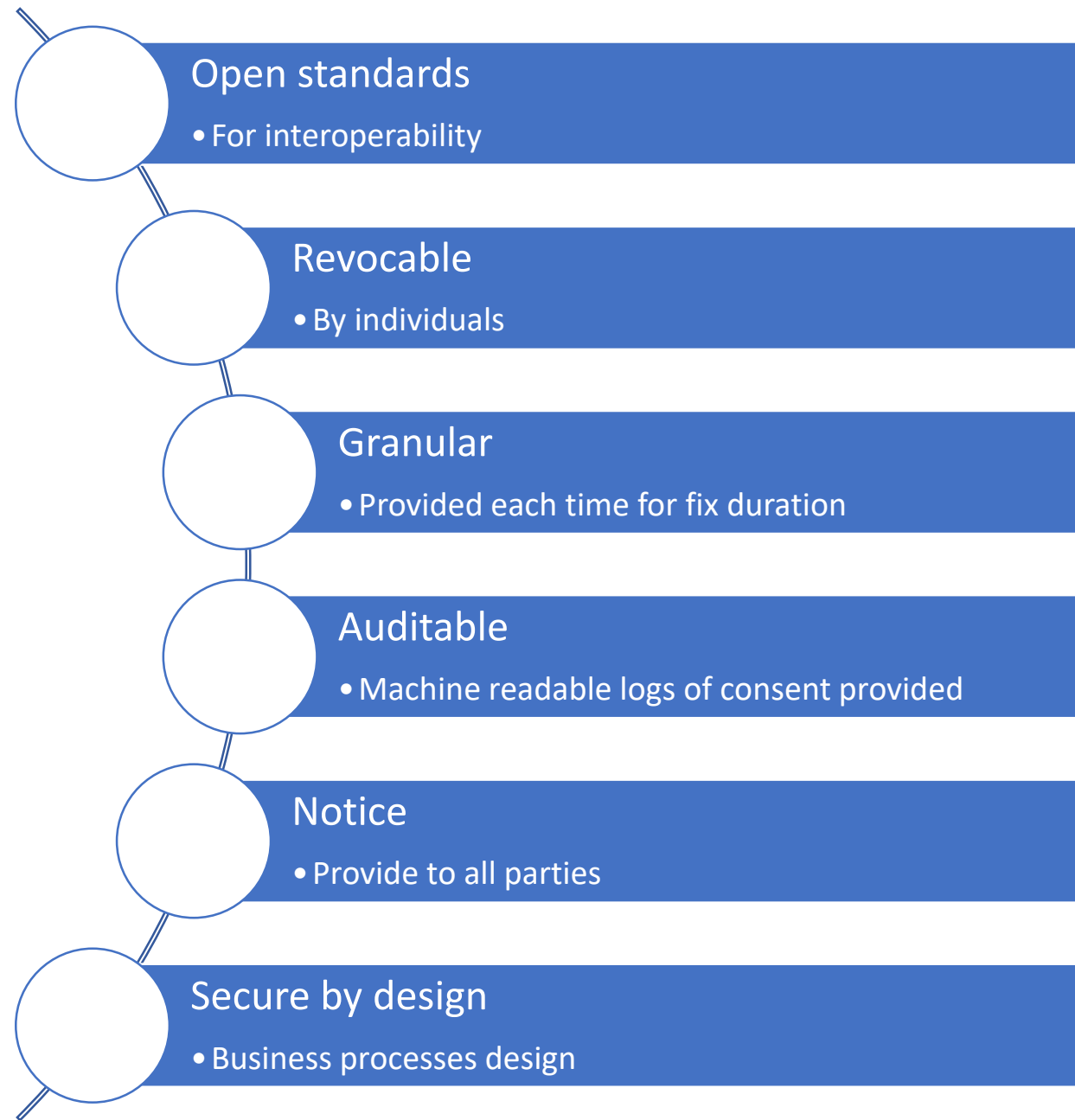
US Model - Data4Profit

China Model - Data4surveillance

EU Model - Data4Regulation

ORGANS

for balancing the
power



EU AI Law: A Risk based approach

To promote the uptake of human centric and trustworthy artificial intelligence

and

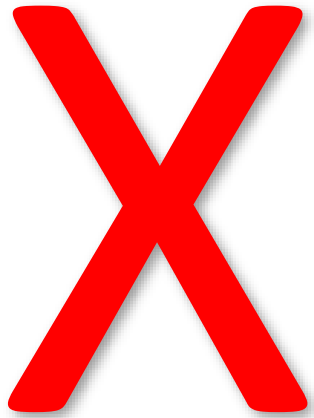
To ensure a high level of protection of

- *health,*
- *safety,*
- *fundamental rights,*
- *democracy &*
- *rule of law and*
- *the environment from harmful effects of artificial intelligence systems*

while supporting innovation and improving the functioning of the internal market.

AI should not interfere with any other law

AI should assist not command!



Prohibited with or without consent

- *Black box*
- *Profiling the person*
- *Distorting/ changing the behaviour*
- *Biometric one-to-many identification*
- *Real time remote biometric (Physiological or behavior) identification*
- *Scanning and tracking of person in public places*
- *Prediction of person action behaviour by Law enforcement agency*
- *Facial recognition for mass surveillance*
- *Predicting emotional state of person*

Prohibited

Limiting the Biases of AI system

High Risk

- *One to One biometric mapping*
- *AI system used in*
 - *Critical infrastructure (e.g., energy, transportation, healthcare)*
 - *Education and vocational training*
 - *Employment, worker management,*
 - *Access to social benefits*
 - *Law enforcement and justice*
 - *Migration, asylum, and border control*
 - *Access to essential private and public services*
 - *Elections*

Mandatory risk assessment for high-risk AI systems before deployment

- **Conformity Assessment:** Self-assessment, Third-party certification, Notified body assessment
- **CE Marking Compliance Certificate**
- **Transparency:** AI system functionality, Data used, Decision-making processes, Potential risks and biases
- **Human Oversight:** Human review of AI-generated decisions, Ability to correct or override AI decisions
- **Data Quality:** High-quality, relevant, and representative data
- **Security:** Robust security measures to prevent unauthorized access or manipulation.
- **Accountability:** Providers are accountable for AI-related harm or damage.
- **Post-Market Monitoring:** Continuous monitoring of post deployment.
- **Incident Reporting:** Mandatory reporting of incidents or near-misses.

Enforcement

Risk	Fine	Business Operations	Senior Management	Legal proceedings
Prohibited	Euro 50 Million or 10% of worldwide turnover	Immediate Suspension	As per relevant industry law	As per relevant industry law
High Risk	Euro 15-30 Million or 3-6% of worldwide turnover	Suspension	Euro 1 Million or 2% of annual income	As per relevant industry law
Medium Risk	Euro >5 Million or 1% of worldwide turnover	Warning	NA	As per relevant industry law
Low Risk	Euro >500K or 0.1% of worldwide turnover	Warning	NA	As per relevant industry law

Thank you

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