

# AI: Opportunità e rischi da gestire

**XLVI**  
CONGRESSO  
NAZIONALE  
**ANDAF**



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# Intelligenza Artificiale

Capacità di un sistema di **acquisire, processare, creare ed applicare conoscenza** (ISO/IEC 22989:2022).



# Opportunità

## CAPACITA'

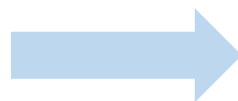
Ottimizzazione

Analisi complesse

Capacità decisionali

Scoperta di pattern

Automazione



## APPLICAZIONI



Cybersicurezza



Salute e medicina



Comunicazione e Trasporti

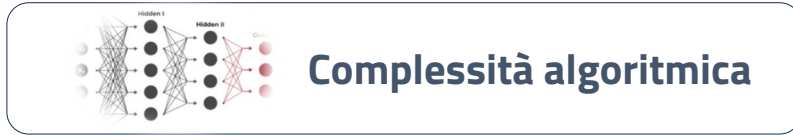


Energia



Clima

# Rischi



**Thrustworthiness of AI**

**Bias e discriminazione**

**Trasparenza**

**Competizione tecnologica**

**Sicurezza & privacy**

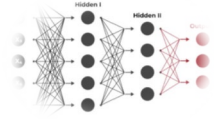
**Impatti sociali**

**Etica**

**Mercato del lavoro**

**Responsabilità**

# Rischi

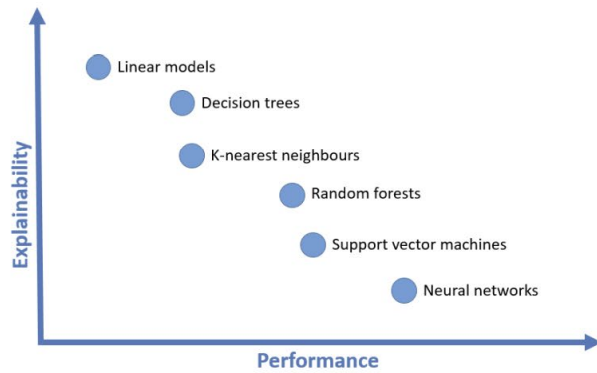


Complessità algoritmica



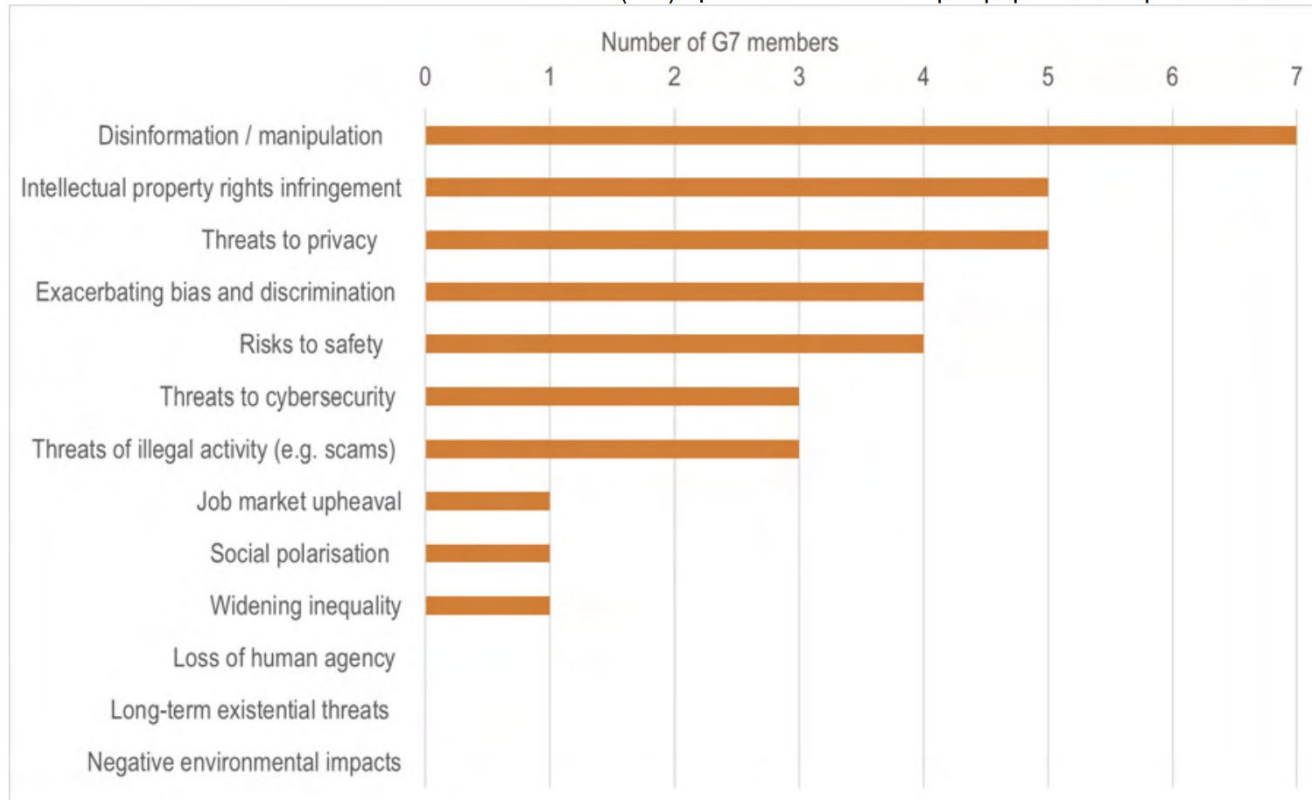
Human not in the loop

Figure 3.2. Illustrative mapping of algorithms by explainability and performance



On the Opportunities and Risks of Foundation Models, Stanford University et.al

Number of G7 members that selected (five) specific risks from a pre-populated drop-down list

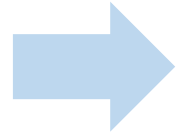


G7 Hiroshima Process on generative artificial intelligence (AI), OECD

# Legislazione europea – AI Act

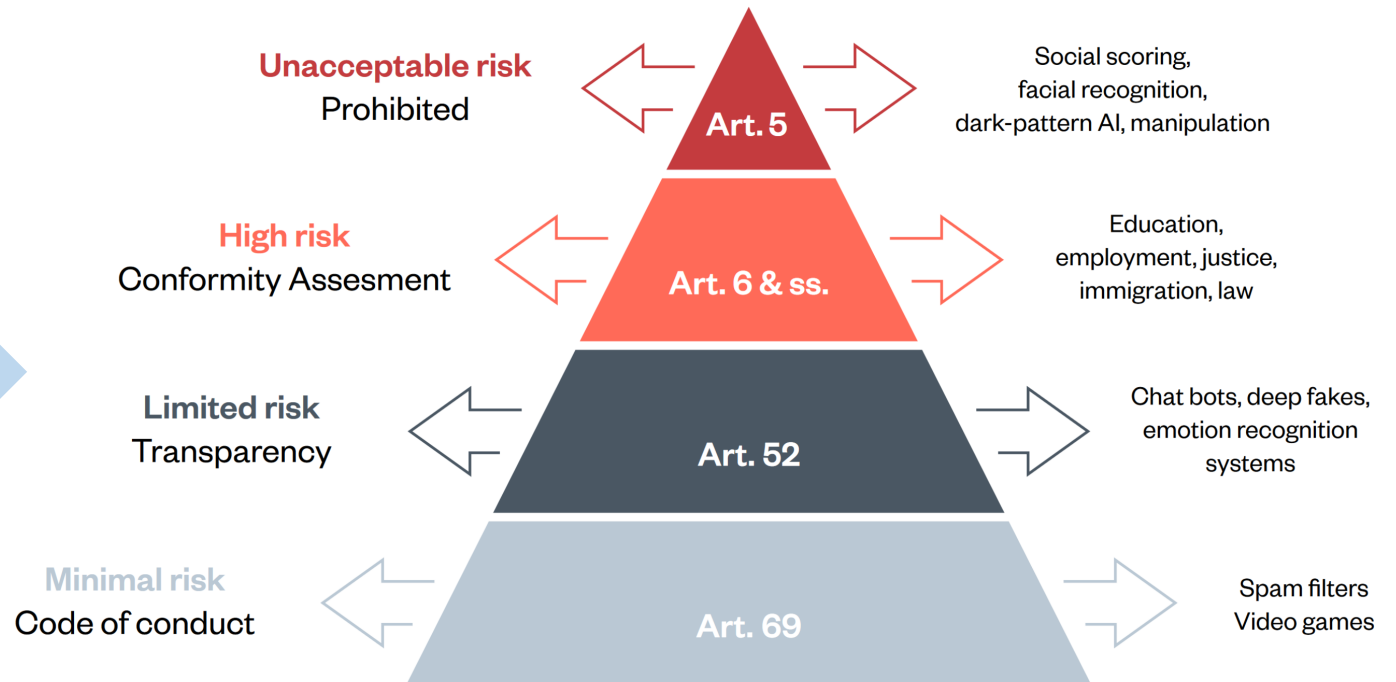
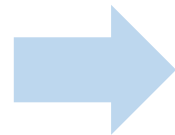


Normativa uniforme e coerente con le leggi dell'unione



- EU Charter of Fundamental Rights
- GDPR
- Cyber Security Act
- Cyber Resilience Act

Approccio 'Risk Based'



# Convergenza Tecnologica

Telco



IoT



Cloud



AI



Enabling Technologies

Emerging Applications



Intelligent Factories



Smart Healthcare



Smart Cities



Self Driving Cars



Ubiquitous Connectivity