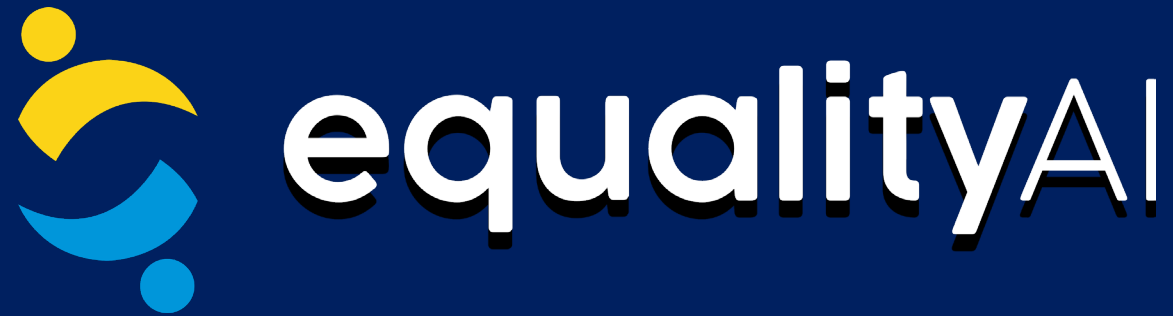


Empowering healthcare with trustworthy AI, ensuring  
quality care for all...



AI Validation, Safety and Management for Healthcare

Building Equity into the 3 D's (Design, Development, and Deployment) of AI in Health and Human Services

<https://www.equalityai.com> | [maia.hightower@equalityai.com](mailto:maia.hightower@equalityai.com)

# AI Safety & Bias Mitigation Methods Throughout The AI Lifecycle

## Social Mitigation Methods

### Teams

- Pathway Programs
- Upskilling Data Scientists & Researchers

### AI Governance

- Local Policy and Procedures
- Stakeholder Engagement
- Including Patients, Clinicians, Leadership, Ethicists

### Regulations

- Europe
- US
  - FDA QS & CBMP
  - HHS/ONC Final Rule

## Technical Mitigation Methods

### Standards & Frameworks

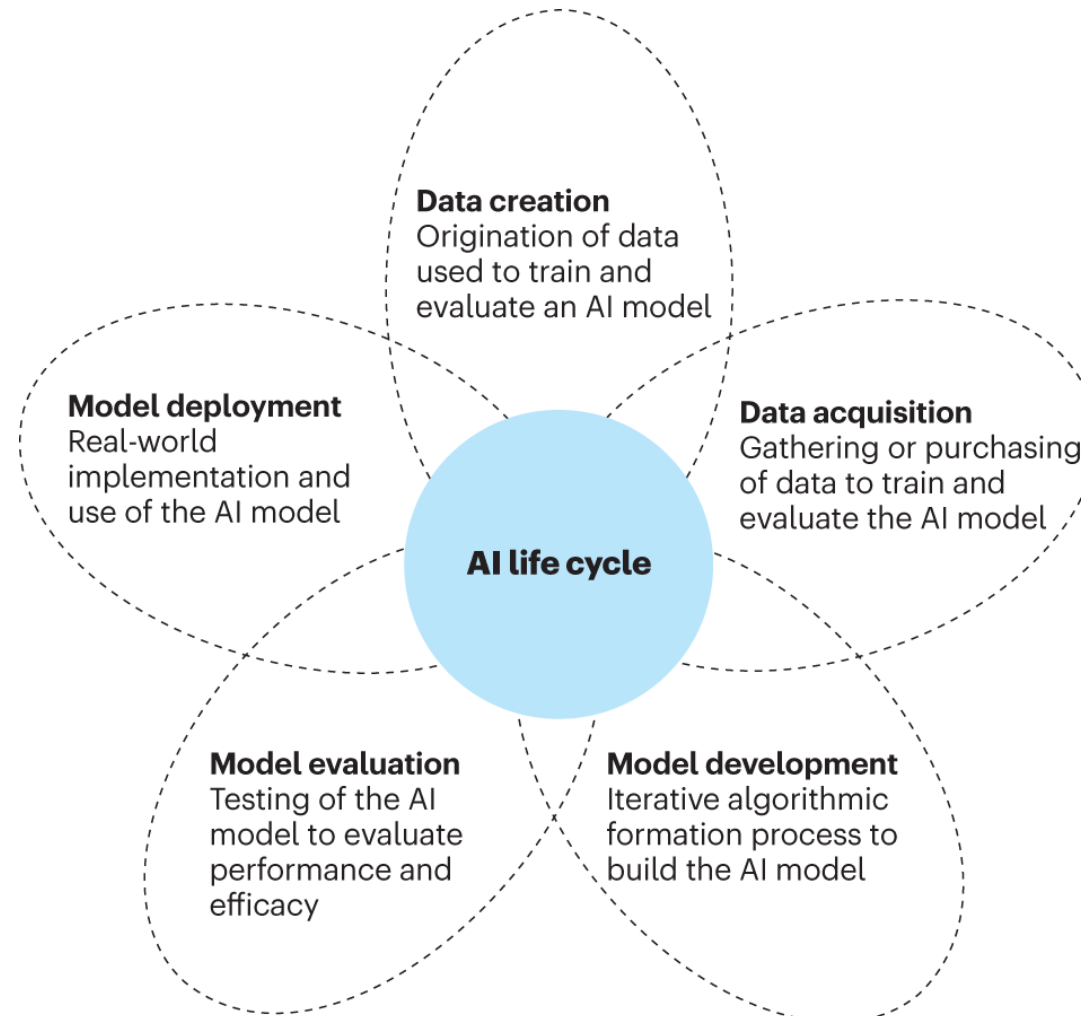
- DHHS Trustworthy AI Playbook
- Promoting the Use of Trustworthy AI in the Federal Government
- NIST AI Risk Management Framework
- ISO 42001 AI Management Standard

### AI/ML Methods

- EqualityML Toolkit
- AI Fairness 360
- Fairlearn

### Validation & Monitoring

- Equality AI
- Epic



# Role of Policy Makers in Building Equity into the 3D's of AI in Health and Human Services



## AI Management Standards

Define and incentivize adoption of a standard that prioritized health equity



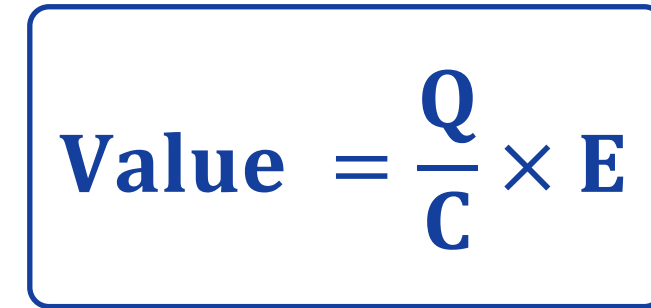
## Research & Innovation

Fund research and innovation that advances the use of AI for health equity



## Education & Training

Fund education, workforce development and training opportunities for clinicians, researchers and data science community to promote diversity & health equity



## AI for Healthcare Value

Launch a new CMS Innovation Center model to test new payment and service delivery models that align AI with value, including health equity, quality, and access