



ASIAN
EVALUATION
WEEK 2023

GenAI-powered evaluation

Maximizing efficiency
Minimizing risks

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Presentation outline



Potential AI scenarios
for the world



Mitigating risks in AI,
and the role of evaluation



Potential AI scenario
for evaluation



Mitigating risks in
AI-powered evaluation



UNFPA experience in
leveraging AI for evaluation

The presentation content and design have been developed with support from AI tools

The best-case AI scenario for the world



AI as a transformative force to accelerate the SDGs



Enhanced efficiency, productivity, and automation in various sectors



Climate change mitigation



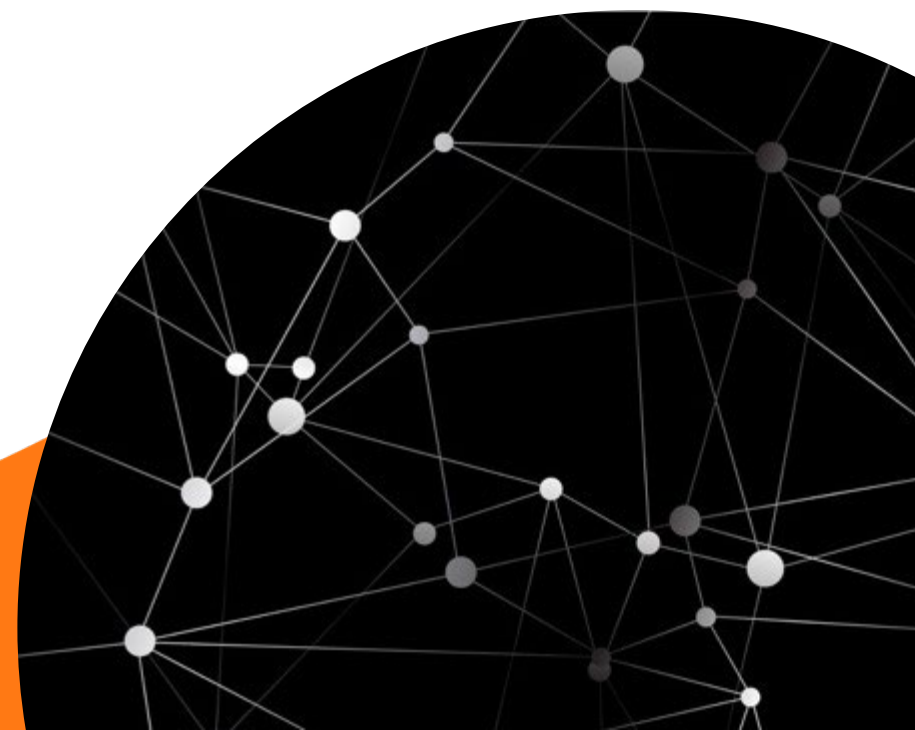
Healthcare, education



Economic growth, job creation



Improved decision-making



The worst-case AI scenario for the world



Known harms and potential risks associated with AI development



Ethical concerns: Privacy, bias, discrimination, plagiarism



Lack of legal and regulatory frameworks



Direct confrontation between AI-systems vs humans



Loss of control and technological dependency



Unemployment and socio-economic disparities



Ecological and environmental concerns

How to reduce harms and mitigate potential risks



Robust testing and validation



Regular monitoring and maintenance



Data quality and bias



Ethical guidelines and regulations



Explainability and transparency

How to reduce harms and mitigate potential risks

(contd 1)



Human oversight and control



Collaboration and knowledge sharing



Robust cybersecurity measures



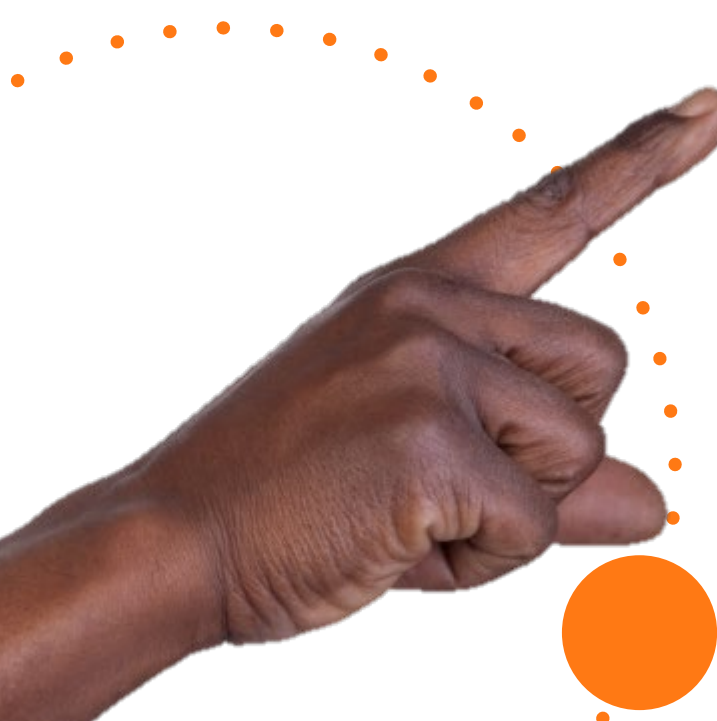
Public awareness and education



International conventions and regulations



Enhance digital and AI literacy to combat digital divide



Role of evaluation in reducing harms and mitigating AI-related risks



Transdisciplinary evaluation function is what can make the difference between worst-case and best-case scenarios



Evaluation for assessing the merit of AI technologies and assessing the merit of applying AI technologies in various sectors, including development



Impact assessment



Role of evaluation in reducing harms and mitigating AI-related risks

(contd)



Identification of biases and unfair outcomes



Feedback about ethical and responsible practice



User feedback and usability evaluation



Accountability and transparency

Example of evaluative thinking to reduce harm and mitigate AI-related risks



2019 Principles of Digital Development AI-checklist



No known principles for guiding AI-enabled evaluation



Critical questions to think evaluatively about AI in development



Examples of principle



Design with the User



Build for Sustainability

The best-case AI scenario for evaluation



AI empowering the evaluation function



Improved data collection, analysis, interpretation, and communication



Enhanced objectivity, accuracy, and reliability of evaluations



Enhanced efficiencies in evaluation

With appropriate permission.

The worst-case AI scenario for evaluation



Methodological challenges (blackbox)



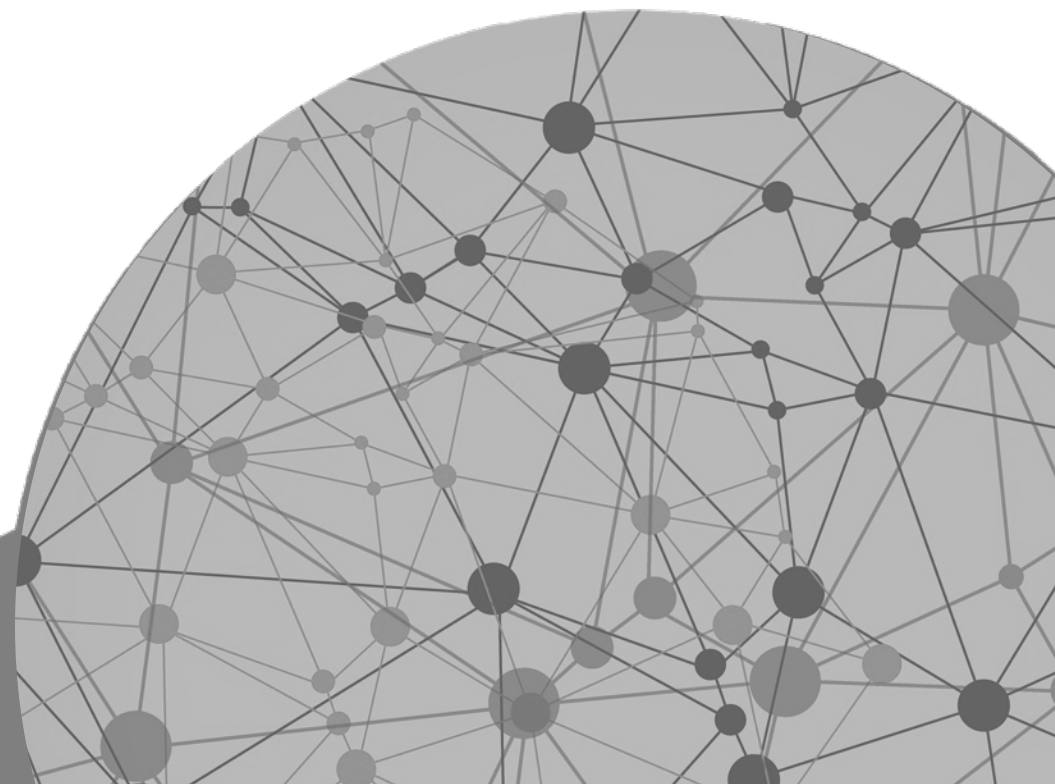
Privacy and security challenges



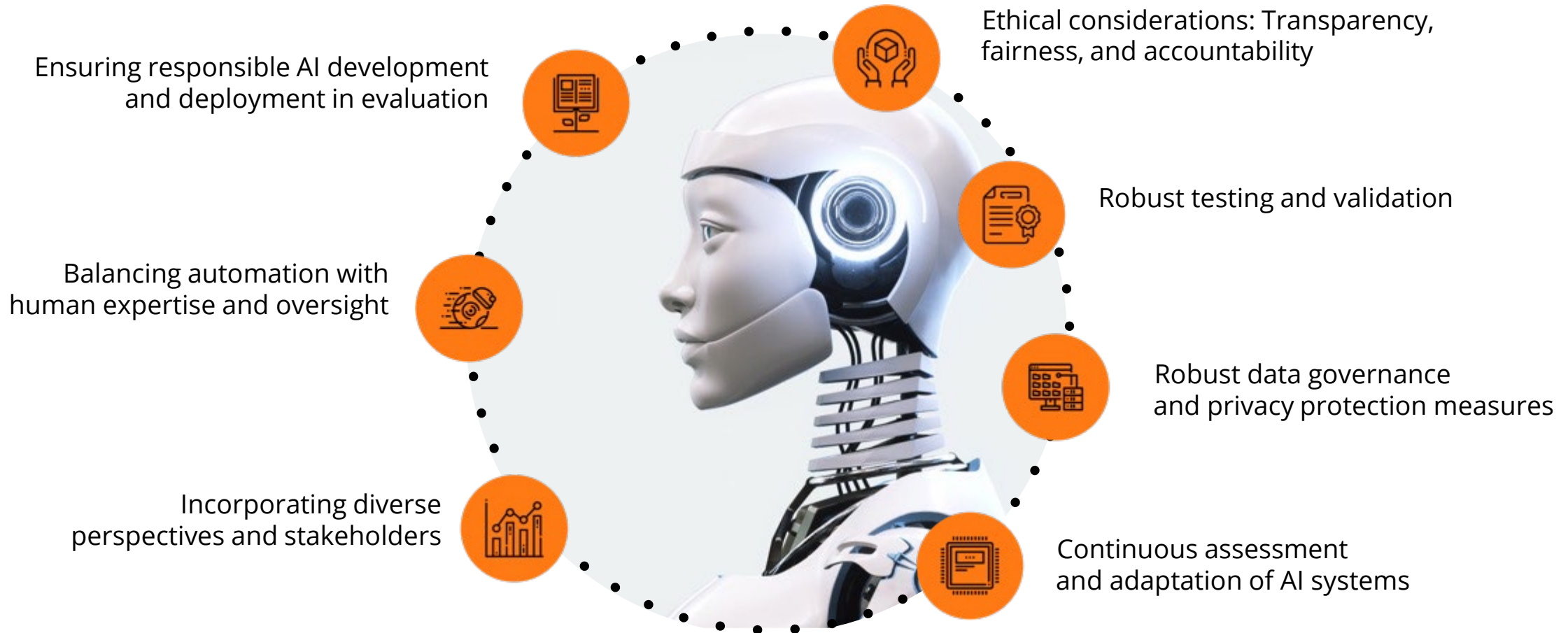
Programmatic challenges



Cultural/contextual challenges



Reducing harms and mitigating risks in GenAI-powered evaluation



GenAI-powered evaluation in UNFPA



Clear vision,
leadership, resources



Create a culture for
AI-powered evaluation
through inclusive processes



Cooperation with internal
stakeholders and external
partnerships



Co-convening UNEG
AI and data group

GenAI-powered evaluation in UNFPA



1. Development of a strategy for AI-powered evaluation function



2. Needs assessment and mapping of AI market tools relevant to UNFPA evaluation



3. Prepare staff for using AI in evaluation, and on-the-job learning (learning curve)



4. Building capacities of UNFPA M&E staff to pilot, scale up and mainstream AI in evaluation



5. Piloting a chatbot-style AI search platform for evaluation evidence extraction and synthesis

Strategy for leveraging responsible and ethical generative GenAI-powered evaluation in UNFPA



Goal: to strengthen the UNFPA evaluation function even further



Objective: increase efficiency, effectiveness, timeliness, and utility through AI-integration



Strategic priorities: development of a set of ethical and effectiveness principles that guide strategy



Operational priorities: building on and aligning with UNFPA Evaluation Strategy, pilot and support AI-powered evaluation in centralized and decentralized evaluations



Risk mitigation: key considerations to prevent harm to individuals, communities, institutions, and ecosystems



Implementation roadmap: collaborative change management, phased approach to adoption and deployment, iterative digital transformation, capacity development, upskilling, allocating budget, agility in implementation

Illustrative use cases from the needs assessment

Evaluation Phase	Demanded Use Cases
Preparatory	Generate a tailored ToR for an evaluation based on the context
	Support the search and selection of skilled evaluation consultants
Design	Synthesizing prior evaluations and evidence to inform evaluation design
	Develop initial theory of change including key assumptions and evidence
Field	Build and direct applications to clean quantitative and qualitative data
	Extract and analyze unstructured data from text, image, and audio formats
	Real-time auto-transcription of video calls and field-based audio recordings
Reporting	Generate initial drafts of the evaluation report
	Improve report comment revision process
	Increasing report readability and overall quality
Dissemination & facilitation of use	Translate to Braille, non-UN and Indigenous languages
	Convert text-based resources into slide deck presentations etc.

Conclusion

Should we embrace or reject/resist AI?

AI must benefit everyone, including the one third of humanity who are still offline.

Human rights, transparency and accountability must light the way, including for GenAI-powered evaluation.

We must collectively build essential guardrails for the deployment of AI in evaluation.



Optimistic outlook
for AI-powered
evaluation



Importance of
responsible and
ethical GenAI



Partnering and sharing
experiences
for optimization



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