

1. Purpose and Positionality

What is Happening

Your identity, discipline, and context influence how you interact with AI. Bias in AI tools often reflects systemic inequities, which may misalign with Afrocentric and decolonial approaches to knowledge production.

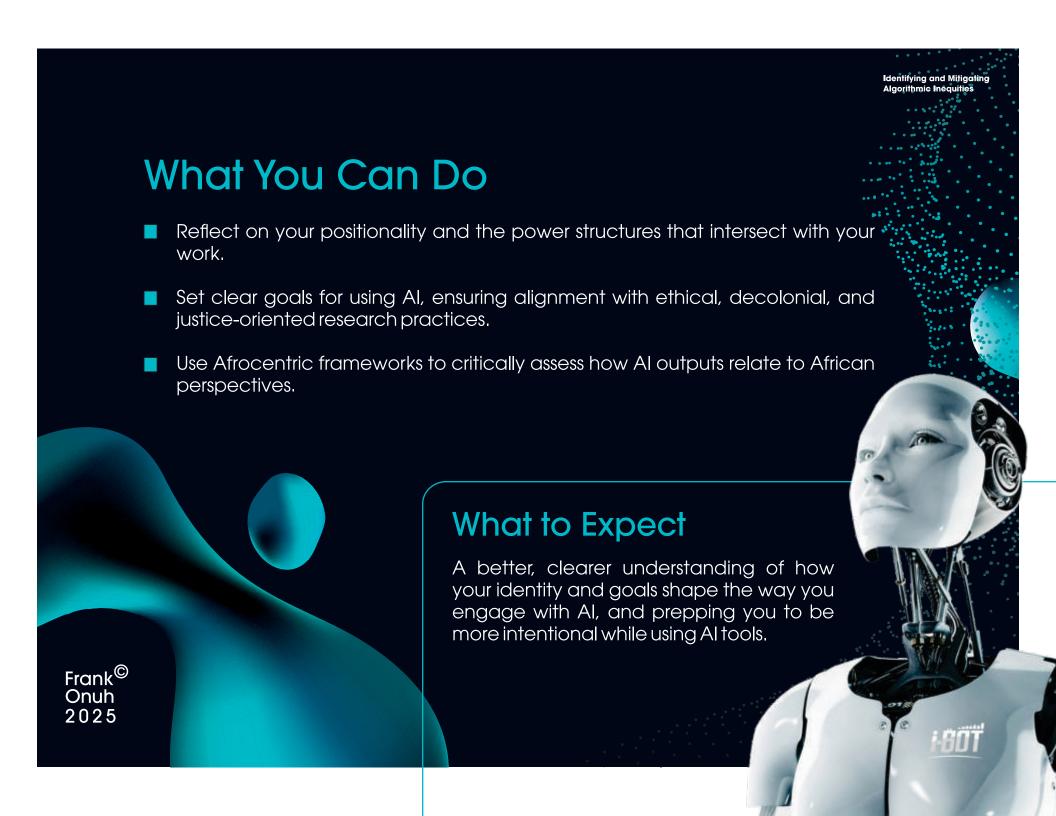


Questions to Ask

How does my identity (as a Black scholar or African researcher) shape the biases I may detect in AI tools?

Does this AI align with my commitment to representing African or marginalized knowledge systems?

What historical or societal power dynamics might this Al reinforce or overlook?b



2. Understand Al's Colonial Legacy

What is Happening

Al systems always inherit colonial structures and frameworks that prioritize Westerncentric data and epistemologies while marginalizing African or autochthonous voices. Historically, knowledge production has been dominated by Euro-American institutions, and this legacy is embedded in Al tools.

Questions to Ask

Who created this AI tool, and whose interests or knowledge systems does it primarily serve?

Does this AI reflect historical patterns of knowledge suppression and colonial hierarchy?

How have past colonial knowledge systems shaped the data sources this AI relies on?

What biases might result from the tool's reliance on Western academic norms or data sources?

How might my research questions challenge or reinforce existing AI biases?





- Investigate the colonial histories of knowledge production embedded in Almodels.
- Push for decolonial approaches in Al research that incorporate Indigenous and African epistemologies.
- Critically examine Al's reinforcement of Western academic norms and demand alternative knowledge structures.



What to Expect

Deeper awareness of how AI reflects, historical power imbalances and how this impacts the knowledge AI generates.

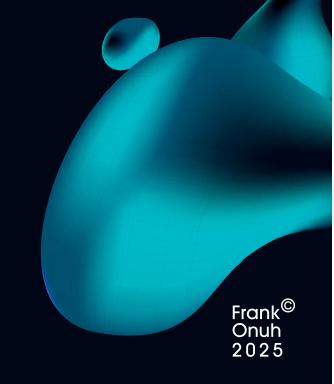
3. Frame Afrocentric Inputs

What is Happening

The way you craft your prompts significantly impacts AI outputs. Bias in responses often arises from vague, culturally disconnected, or loaded questions.

Questions to Ask

- Does my prompt request diverse perspectives, particularly from African contexts?
- Could my phrasing unintentionally lead the AI to prioritize Western perspectives?
- How can I ensure my question reflects inclusivity and neutrality?



- Design prompts that explicitly ask for African, autochthonous, or marginalized perspectives.
- Test and refine your prompts to avoid loaded language or biases.
- Ask for comparisons between Western and African viewpoints to highlight disparities.



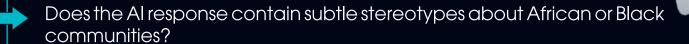
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4. Detect Representational Bias

What is Happening

Al systems often misrepresent or stereotype African and Black identities, reinforcing harmful generalizations. These biases arise from limited or skewed training data.

Questions to Ask



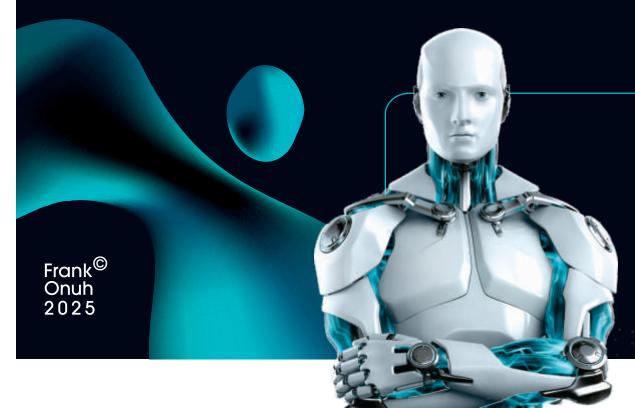
Are African voices and perspectives underrepresented or misrepresented?

How does the Al portray Africa—through deficit-based narratives or a holistic perspective?

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- Identify and document instances where AI outputs stereotype or erase African identities.
- Compare Al-generated content about Africa to local or academic sources to verify accuracy.
- Engage with AI ethics initiatives that challenge biased AI representations.
- Try different tools and see how the biases occur and/or are represented.



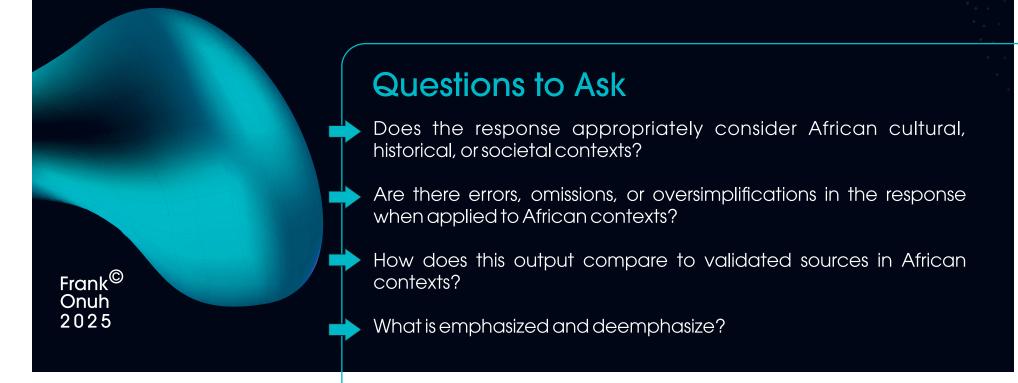
What to Expect

More awareness of how Al portrays African communities and tools to countermisrepresentations.

5. Assess Contextual Fairness

What is Happening

Al often misinterprets African cultural, historical, and societal contexts, leading to inaccurate or overly simplistic representations. For example, it may misinterpret or demonize African governance systems, traditional practices, or historical events.



Identifying and Mitigating Algorithmic Inequities

What You Can Do

- Cross-check Al-generated content with African studies resources or lived experiences.
- Request clarification from AI when responses appear vague or lack cultural depth.
- Compare Al-generated narratives about Africa with those from African scholars and historians.





6. Examine Structural Bias

What is Happening

Beyond colonial history, Al development today continues to exclude African and Black perspectives. Underrepresentation in training data, lack of African linguistic diversity, and biased algorithmic benchmarks all contribute to systemic inequities in Al.

Questions to Ask

Where does the Al source its training data, and who owns it?

What voices and expertise were included in designing this Al system?



- Research the provenance of the Al's datasets to uncover biases and gaps in representation.
- Identify and document missing African perspectives in AI training data and models.
- Advocate for the inclusion of African languages, cultures, and socio-historical contexts in dataset curation and model training.
- Push for transparency in AI dataset selection and model evaluation.
- Engage with African researchers, policymakers, and communities to develop Al systems that prioritize equity and inclusivity.

What to Expect

A more detailed understanding of the current biases in Al development and practical strategies to push for inclusivity..

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7. Mitigate Bias in Outputs

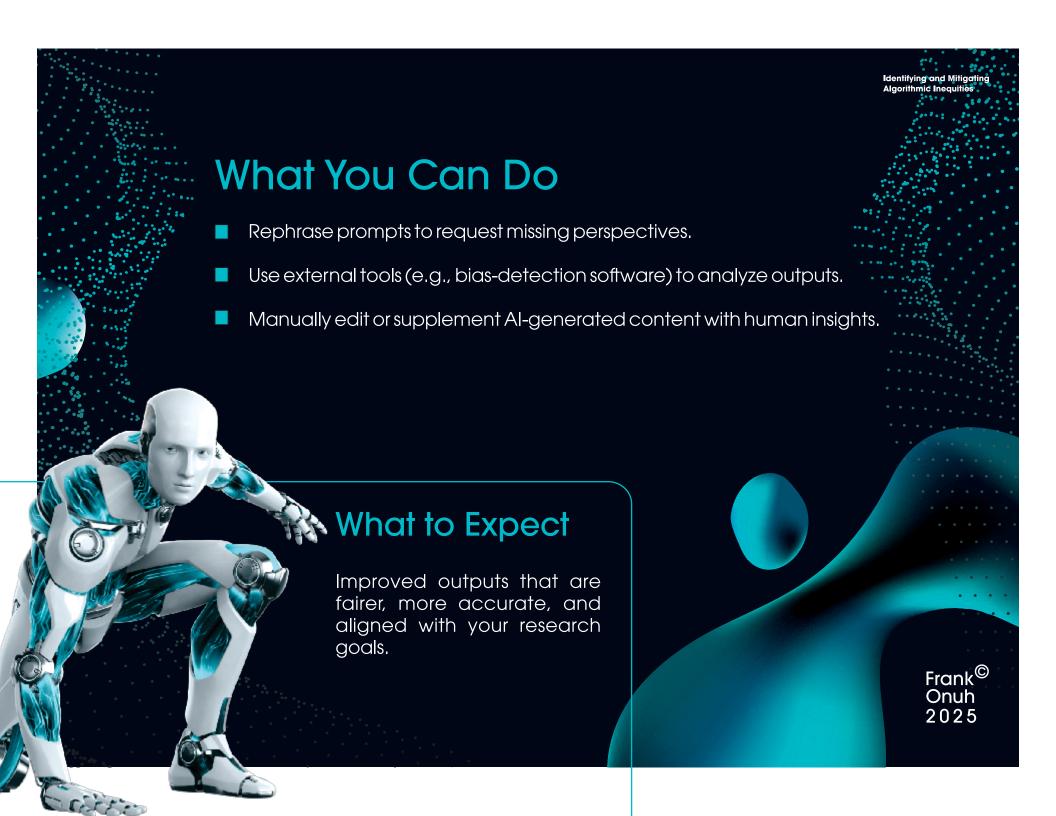
What is Happening

The way you craft your prompts significantly impacts AI outputs. Bias in responses often arises from vague, culturally disconnected, or loaded questions.

Questions to Ask

- What gaps or imbalances exist in this response, and how can laddress them?
- Can I refine my question to request a more balanced or nuanced response?
- What additional tools or resources can help correct these biases?





8. Amplify Marginalized Voices

What is Happening

Al often silences marginalized voices by prioritizing dominant narratives.

Questions to Ask

How can I amplify African voices or Black intellectuals in this research?

Does this response cite or reflect contributions from African scholars?

What overlooked perspectives could enhance the depth of this analysis?

How does this Al system rank, prioritize, or exclude African knowledge sources?

Are African research institutions and scholars credited appropriately in Algenerated outputs?

What biases in citation algorithms might disadvantage African intellectual contributions?





- Use AI to search specifically for African-authored works or autochthonous perspectives.
- Critically assess Al-generated references and cross-check for missing African contributions.
- Highlight overlooked African and Indigenous knowledge systems in your work.
- Advocate for AI datasets that equitably represent African intellectual traditions.
- Push for academic and AI systems that prioritize diverse, global sources rather than reinforcing Eurocentric canons.
- Engage directly with African scholars and research networks to co-create knowledge and challenge Al-driven exclusions.

What to Expect

Outputs that promote marginalized voices and produce more inclusive academic work.

