

Ethical Considerations and Recommendations for AI Application in Work And Research

Ayodele John Alonge, PhD



ARTIFICIAL INTELLIGENCE
MASTER CLASS
IN WORK AND RESEARCH
PRODUCTIVITY

24th & 25th JUNE
MASTER CLASS ARTIFICIAL INTELLIGENCE

AIM 2023

Key Topics

Targeted Audience - Students, Lecturers/ Teachers, Librarians, Administrators, Entrepreneurs, Content Creators

- AI vs Humans : An Overview
- The Technicalities and Workings of AI
- How not to use AI
- Artificial Intelligence for Work Productivity
- Artificial Intelligence for Academic and Research Productivity
- Ethical Considerations and Recommendations for AI Application in Work and Research

FACILITATORS

OLISE, Florence Iwanne
(Librarian and Lecturer)

URIBEL, Ogheniyoma Victor
(Librarian, Web and Mobile Developer)

CHINWE Amaka
(Content Creator)

Sylvester Ebonu
(The Digital Librarian)
Convener

AYODELE, John Alonge, PhD
(Information and Communication Professional)

Bethel Christian
(MD ANSPPA)

Dr. (Mrs) G.N Onyia | Mr Patrick Agwu | Mrs. Alice Omaji | Admirable Oluwaseyi Bamidele | Mr. Plus Ejodamen

7:00pm (Nigerian time GMT +1/ 6:00 PM UTC)

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Ethical Considerations for AI Application in Work And Research

AIM AGENDA

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Day One

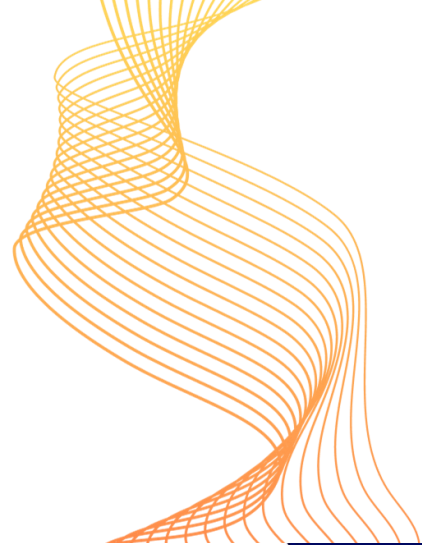
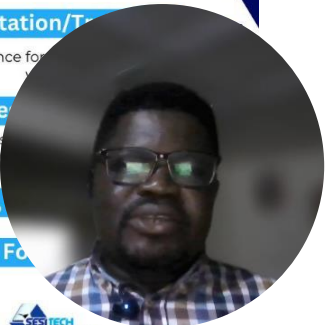
	Welcome	
10 Mins	Opening Address & Book Unveiling By Prof. Paul Omojo Omaji, VC, ADUN	Intermission
15 Mins	Hands on	Q & A
	1st Presentation	Interactive Session How not to use AI with Dr. Mrs G. Onyia, Mr. Patrick Agwu & Mrs. Alice Omaji
25 Mins	AI Vs Humans: An Overview with Bethel Christian	Q & A 20 Mins
	2nd Presentation	Closing
30 Mins	The Technicalities and Workings of AI with Urhefe, Ogheneyoma Victor	

AIM AGENDA

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Day Two

	Opening	4th Presentation/Training Artificial Intelligence for Academic/Research Productivity
45 Mins	3rd Presentation/Training Artificial Intelligence for Academic/Research Productivity with OLISE, Florence Nwanne	5th Presentation/Training Ethical Considerations for AI Application in Work and Research
15 Mins	Interactive Session The reality of AI: Students, Lecturers & Entrepreneurs Perspective with Mr. Pius Ejodamen & Adm. Oluwaseyi Bamidele	Q & A
	Q, A & C	Closing Remarks



My Reflection

"Utilize AI as a supplement to your knowledge, not as a substitute for your brain"

Dr Ayodele John Alonge-
[@DrAlongeAJ](https://twitter.com/DrAlongeAJ)

23.7K Tweets



1



1



11



276



Dr. Ayodele John Alonge @DrAlongeAJ · 4h



"Utilize AI as a supplement your knowledge, not as a substitute for your brain" Dr Ayodele John Alonge-@DrAlongeAJ

My reflection at the end of Day 1/2

#AI Masterclass #AIM2023

@didigital_libr join us now





Introduction



- The National Information Technology Development Agency (NITDA) has developed a National Artificial Intelligence Policy (NAIP).
- NITDA is responsible for developing standards, guidelines, and frameworks for the IT sector in Nigeria, as enshrined in Section 6 of the NITDA Act 2007.
- AI is ushering new ways of planning, traveling, and working. Its innovative use has been changing lives for the better, creating new jobs and augmenting some existing ones while entirely replacing others.





Goals of the Policy

- The goal of the AI policy is dual.
- To ensure AI's numerous advantages for the economy, education and society, governments should, on the one hand, invest in its development and implementation.
- Governments can accomplish this by funding basic and applied research, the training of specialists in AI technologies, the development of digital infrastructure and related technologies, and initiatives that support the adoption and use of new AI technologies by both the public and private sectors.
- On the other hand, governments must also react to the societal and economic problems that the development of AI has created. Automation, recursive bias, data exploitation, and wealth inequality are just a few of the numerous issues that need policy solutions from governments all over the world.





Benefits and Opportunities of AI

- The integration of artificial intelligence (AI) in work and research brings numerous benefits and opportunities.
- AI can help increase productivity, reduce error rates, and improve the quality of products and services.
- AI can also lead to new discoveries and innovations in areas such as healthcare and agriculture.



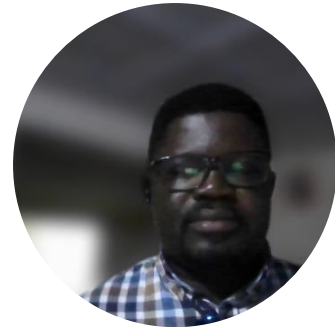


Plagiarism and Academic Integrity

AI tools can assist in generating content, but proper attribution is crucial

Plagiarism detection and citation management tools should be used to maintain academic integrity

Avoid unethical practices



Data Privacy and Security

Handle personal data responsibly

01

02

Follow data protection regulations

Ensure data security to prevent unauthorized access or misuse

03





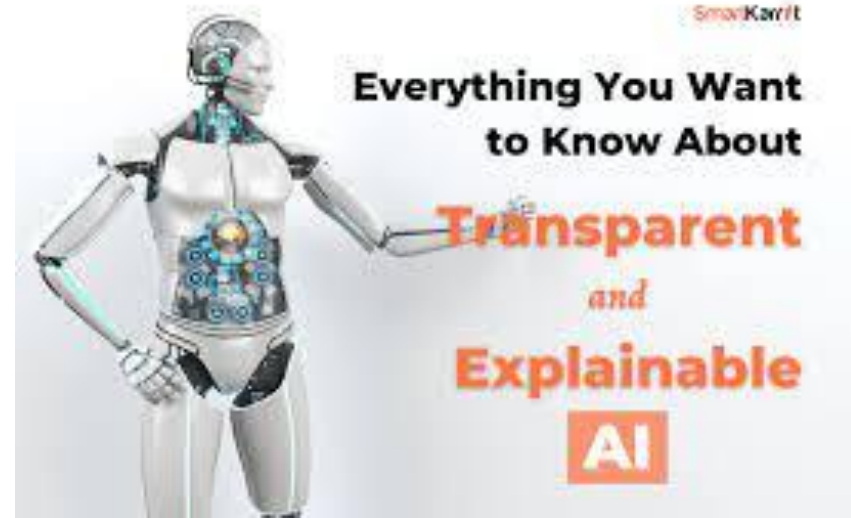
Bias and Fairness

- AI algorithms can be susceptible to biases in training data
- Critically evaluate and address biases
- Ensure fairness and inclusivity in academic writing



Transparency and Explainability

- 01 Ensure transparency and explainability
- 02 AI-generated content should be distinguishable from human-authored content
- 03 Clear guidelines for appropriate use of AI-generated content





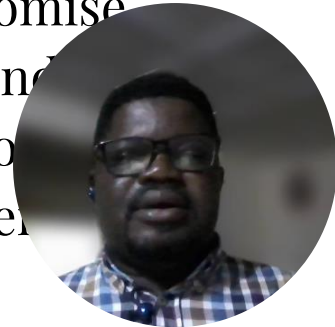
Academic Standards and Quality

Maintain academic rigor and scholarly integrity

Use AI tools to assist in various tasks



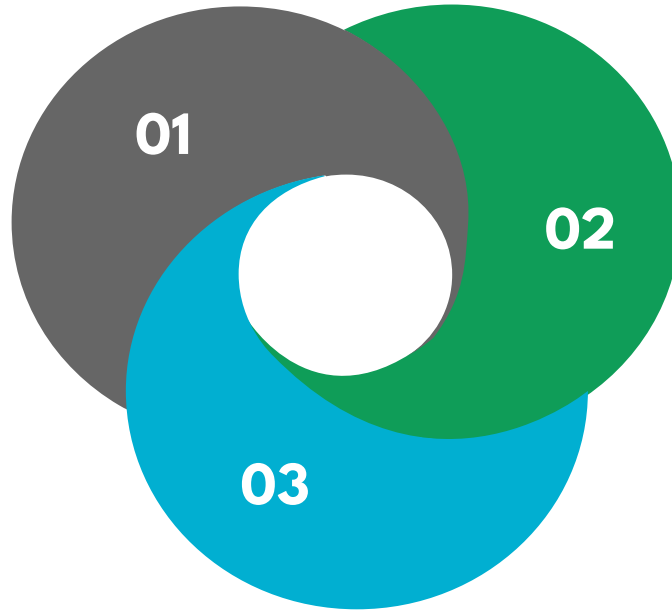
Don't compromise academic standards and quality for sake of efficiency



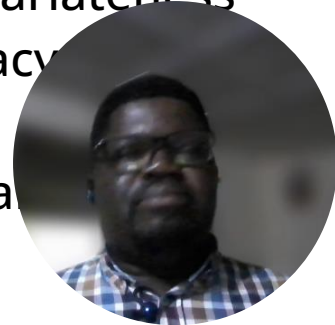
Human Expertise and Oversight

AI should not
replace the role of
human experts
and supervisors

Ensure human-
maintained
standards and
quality



Human oversight
necessary to
ensure
appropriateness
, accuracy
ethical
compliance





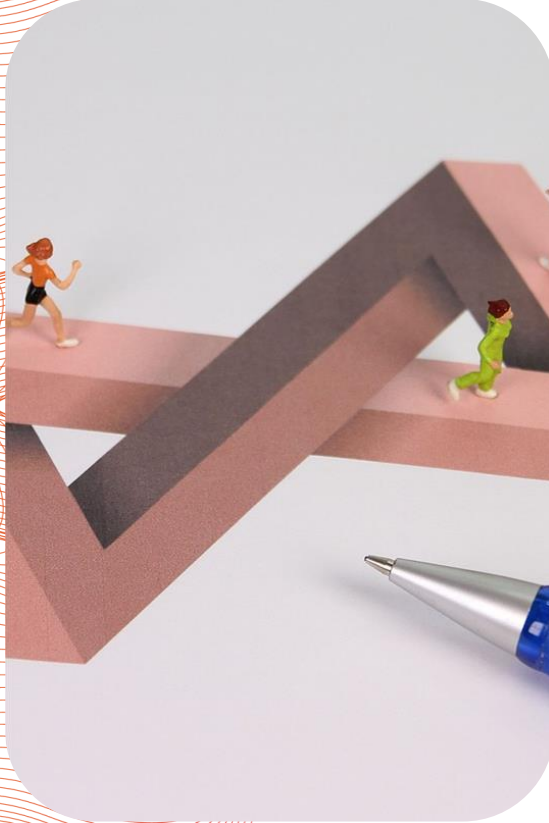
Responsible Use and Ethical Guidelines

- Develop clear guidelines for AI use in academic writing
- Emphasize responsible AI use
- Outline ethical considerations
- Provide recommendations for maintaining academic integrity



Continuous Evaluation and Improvement

- 01 Ensure proper functionality and ethical use
- 02 Continuous evaluation, monitoring, and improvement of AI systems



Collaboration and Sharing of Best Practices

- 01** Work towards ethical AI use in academic writing
- 02** Collaboration among academic institutions, researchers, and stakeholders is vital
- 03** Share best practices and discuss ethical challenges





Recommendation

- It is crucial to ensure that AI applications are developed and used responsibly, with respect for human values, fairness, transparency, and accountability.
- Here are some key ethical recommendations for AI application in work and research:





Recommendations

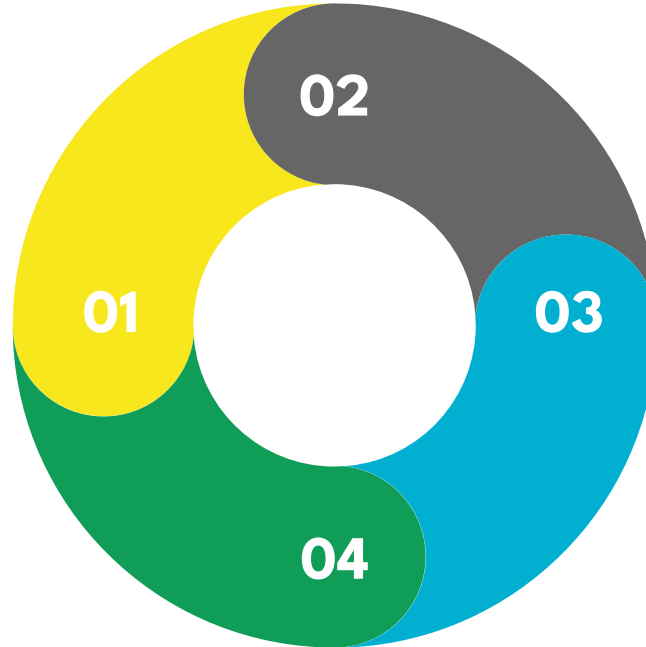
- **Public Awareness and Education:** Efforts should be made to raise public awareness about AI technologies, their capabilities, limitations, and ethical implications.
 - Education and training programs should be developed to equip individuals with the knowledge and skills to understand, evaluate, and engage with AI systems effectively.
- **Social Impact Assessment:** Prior to implementing AI systems, a comprehensive assessment of their potential social impact should be conducted. This assessment should consider factors such as employment, inequality, and broader societal implications to ensure that AI benefits all stakeholders.



Conclusion

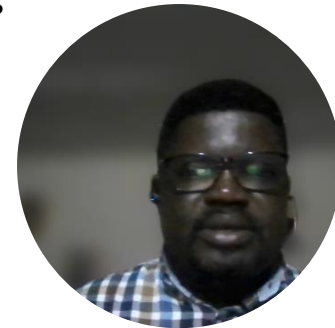
Ethical AI use in academic writing is a complex issue

Ensure ethical compliance, academic rigor, and scholarly integrity



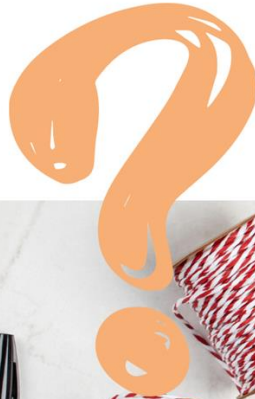
Continuous evaluation and improvement

Collaborate and share best practices



Thank you for your time 😊

**ANY QUESTIONS OR
COMMENTS ARE
WELCOME.**



Dr. Ayodele John Alonge



Profile- scan

