

Exploring the Impact of Artificial Intelligence on Academic Writing: Current Applications and Future Directions

Samson Otieno Ooko

ookos@aua.ac.ke

Abstract

With the continued growth in Technology and the growing adoption of online learning in universities across the globe, the use of artificial intelligence (AI) in academic writing has the potential to revolutionize the way research is conducted and written. This research will explore the current state of AI-assisted writing tools and their potential impact on the academic writing process. The study will also examine the potential challenges and limitations of incorporating AI into academic writing, as well as ethical considerations. The research will be conducted through a systematic literature review of publications in the area and a state-of-the-art analysis of existing applications. An online survey will also be done to find out the use AI in academic writing by students in a selected university in Kenya. The findings will provide insight into the practical applications of AI in academic writing and will inform the development of more effective and efficient tools for researchers while at the same time limiting the misuse of such resources.

Key Words: *Artificial Intelligence, Academic Writing, Future of Writing, Technology in Education*