EXPLORING OPPORTUNITIES AND RISKS OF ARTIFICIAL INTELLIGENCE RESEARCH FOR ISLAMIC ETHICAL GUIDELINES

Aliff Nawi*, Nor Yazi Khamis**, Mohd Faiz Mohd Yaakob*, Mohd Al Adib Samuri***, Gamal Abdul Nasir Zakaria****

*School of Education. Universiti Utara Malaysia. 06010. Sintok. Kedah. Malaysia.
**Centre for Modern Languages. Universiti Malaysia Pahang Al-Sultan Abdullah. 26600. Pekan. Pahang. Malaysia.
***Faculty of Islamic Studies. Universiti Kebangsaan Malaysia. 43600. Bangi. Malaysia.
****Sultan Hassanal Bolkiah Institute of Education. Universiti Brunei Darussalam. BE1410. Brunei Darussalam.

Email: *aliffnawi@yahoo.com

Abstract

Artificial intelligence (AI) technology is expanding exponentially. AI has continuously transformed the human lifestyle from chatbots, driverless vehicles, robots, autonomous weapons constructions, etc. The transformation has driven the development of guidelines from various fields to govern AI research and development but is limited from Islamic perspectives. Hence, this study aims to fill the gap by reviewing contemporary perspectives on AI opportunities and risks. A qualitative exploration using content design analysis on related literature was conducted to ascertain the extent of AI utilisations by applying used, overused, or misused. The findings were coded in juxtapositions that led to the discussion on the need for an Islamic frame of reference in