

HYP_Link

International Collaborators Create Guide for Understanding AI in Healthcare

Tom Sorensen and Alex Norton
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RECENT DEVELOPMENT

During the recent conference held by the Special Interest Group on Knowledge Discovery and Data Mining held in Singapore, three international public science policy advocacy groups presented a guide, *[Using Artificial Intelligence to Support Healthcare Decisions](#)*, aimed at empowering and educating the public on the growing use of AI platforms in the healthcare decision-making process. The guide covers explanations of common applications of artificial intelligence platforms in healthcare and, more importantly, outlines specific questions one can pose to cut to the core of the efficacy and reliability of an AI platform in those applications.

Additional discussions address the quality and source of the data on which the AI is trained, the proper identification of assumptions and correlations within the system, the generalizability of results, and the level at which its reliability has been scrutinized. Written for policymakers, healthcare agencies, journalists, doctors, and patients alike, the guide addresses key areas of quality considerations for AI-based healthcare platforms and helps empower the public to help make sure AI is used safely and responsibly.

ANALYST COMMENT

All AI platforms are not created or trained equally. Without the proper tools, it can be intimidating to attempt to evaluate the efficacy and reliability of an AI model that could significantly contribute to a medical diagnosis or care plan. As powerful data analytics and AI solutions are used to support critical medical decisions, it is imperative to educate users and beneficiaries. Not only do guides like this highlight the capabilities of modern AI platforms, allowing for elevated best practices for users and creators, they also help manage and maintain healthy expectations from the public. With the mounting integration of AI into everyday life, efforts such as these can equip members of society with the knowledge to understand complex systems and develop a shared vocabulary to digest new developments, engage in discourse, and ultimately make informed decisions about their healthcare.

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