

Opportunities and Challenges in Health Care Using Machine Learning

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Abstract: *Healthcare is an ever-evolving industry with a profound impact on all of our lives. However, the incentive behind quality healthcare is that the adoption of technology that allows clinicians to provide superior patient care. With the advancement of technology, the health care industry is also growing rapidly. Nevertheless, there still needs to be deeper research into this integration and determine the best technologies that supports healthcare. One upcoming technological development known as machine learning has great potential when it comes to applications of health care sector. The evolution of machine learning (ML) technology has greatly enriched the services and functionality of healthcare, giving birth to the new field of “smart healthcare.” The purpose of this paper is to discuss all of the applications of machine learning in the healthcare sector as well as to provide some insight into the challenges faced by healthcare firms using machine learning technology. As a result of machine learning, many healthcare applications can be developed, such as prognosis, diagnosis, epidemics, and treatments.*

Keywords: Machine Learning, Epidemics, Diagnosis, Potential, Healthcare

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