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Exploring the Consequences of Implementing Machine Learning in the Pharmaceutical Field

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Abstract: *The pharmaceutical and consumer health industries are greatly impacted by artificial intelligence and machine learning. These technologies are crucial for patient identification because of their improved intelligence applications, which include disease detection and diagnostics for clinical testing, pharmaceutical manufacturing, and predictive forecasting. Recent developments in a wide range of analytical tools and machine learning algorithms have opened up new possibilities for novel machine learning applications in many pharmaceutical science disciplines. This research examines the past, present, and future effects of machine learning on several sectors, including medicine development and design. Artificial neural networks are employed in pharmaceutical machine learning because they are capable of simulating the nonlinear interactions that are often seen in pharmaceutical research. Research is being done on artificial intelligence (AI) and learning machines for use in everyday medicine, industry, and regulation.*

Keywords: Machine Learning, Pharmaceutical Industry, Drug Discovery

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