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In computer science, Artificial intelligence (AI) additionally attributed as machine intelligence because machines are trained or customized to perform activities like a human brain (Poole et al. 1998; Vinod and Anand 2021; Gopal 2018). Artificial Intelligence (AI) can be categorized here as the field is dealing with a wide range of utilization and forms of numerous algorithms for interpreting and attaining knowledge from data. And the AI concept is firmly related to many fields like pattern recognition, probability theory, statistics, machine learning, and numerous procedures like fuzzy models, neural networks which are collected from disciplines like Engelbrecht (2007), Konar (2006), Duda et al. (2012), Webb (2003), Friedman et al. (2001). Multiple complicated usages engaged with AI strategies like classification, regression, predictions and also optimization techniques. Machine learning needs to be modified with in the utilization of any kind of information i.e., initially, a particular model must be characterized along with parameters. So, machines can be gain proficiency in the model with accessible parameters through the utilization of trained data. Furthermore, the model can predict the data in the future for recovering information from data (Abayadin 2020). In this review, we are primarily focusing on qualities of AI approaches that are appropriate for drug development and discovery (Duch et al. 2007).

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