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(57) Abstract :
Data mining enables healthcare insurers to recognize fraud and abuse because of its higher performance in image classification. Basically, Drug Formula are being used to create drugs. When a researcher sends some chemical compounds for SVM classification, it is important to ensure that the potential new drug compounds will not be leaked to a third-party, such as a competing pharmaceutical corporation. Thus, in existing system there is a Privacy issue, not accurate and Leads to Drug Formula Leakage which has been overcome in our proposed system. This Project is used to check whether the drug formulas being used to create a drug is currently active or not in privacy preserving way. Drug Formula are being given in form of trained dataset (binary data set) to the tester to check the particular drug is active or not. Support Vector machine (SVM) and Naive Bayes (NB) algorithm are used to give the drug Formula s in the form of trained data set (binary data set) to the tester. As the formula are given in the form of trained data set to the tester there is no possibility of leakage of drug formula to the unauthorized parties. Finally, the Tester tells whether the drug component is active or not.

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