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Batch:-1 Assignment:-Milestone 2 Ai in Healthcare

References:-

[1]:-Fehrman:- Fehrman, E., Egan, V., Gorban, A. N., Levesley, J., Mirkes, E. M., & Muhammad, A. K. (2019). *Personality Traits and Drug Consumption.* doi:10.1007/978-3-030-10442-9

[2]:- Adinugroho:- Adinugroho, S., Sari, Y. A., & Hidayat, N. (2019). *Drug usage duration classification using Extreme Learning Machine based on personality features. 2019 International Conference on Sustainable Information Engineering and Technology (SIET).* doi:10.1109/siet48054.2019.898613

[3]:- Kumari:- Kumari, D., Kilam, S., Nath, P., & Swetapadma, A. (2018). *Prediction of alcohol abused individuals using artificial neural network. International Journal of Information Technology, 10(2), 233–237.* doi:10.1007/s41870-018-0094-3

[4]:- Qiao:- Qiao, Z., Chai, T., Zhang, Q., Zhou, X., & Chu, Z. (2019). *Predicting potential drug abusers using machine learning techniques. 2019 International Conference on Intelligent Informatics and Biomedical Sciences (ICIIBMS).* doi:10.1109/iciibms46890.2019.899

Ref	methodology used	Data set used	performance Parameters	Limitations/ +points (1 to 2 linws)
[1]Fehmarn	Naïve Bayes, Gaussian Mixture, Random Forest, Decision Tree, k-Nearest Neighbours, Logistic Regression, Linear Discriminant Analysis	https://archive.ics.uci.edu/ml/datasets/Drug+consumption+%28quantified%29	Accuracy score, Mean and Standard Deviation	The Limitation is that they didn't use the other methods to get Score and different function in Sklearn.metrics
[2] Adinugroho	Decision tree, random forest, k-nearest neighbors, linear discriminant analysis, Gaussian mixture, probability density function estimation, logistic regression and	https://archive.ics.uci.edu/ml/datasets/Drug+consumption+%28quantified%29	Accuracy Score	The Limitation is that they didn't use the other methods to get Score and different

	naive Bayes,LSTM and ANN			function in Sklearn.metrics
[3]Kumari	ANN C and ANN D	https://archive.ics.uci.edu/ml/datasets/Drug+consumption+%28quantified%29	Accuracy Score	The Limitation is that they didn't use the other methods to get Score and different function in Sklearn.metrics
[4]Qiao	Random Forest, XGBoost, LightGBM and KNN	https://archive.ics.uci.edu/ml/datasets/Drug+consumption+%28quantified%29	Accuracy, Precission and F1 score	It's Limitation is that it uses Only Random Forest and XGBoost and KNN and There are many other classifier can be used to find the Accuracy score