Project: Visualizing and Predicting Heart Diseases with an Interactive Dash Board

LITERATURE REVIEW

SI.NO	Title of the paper	Authors and year of publication	Inference
1	Data mining and visualization for prediction of multiple diseases in healthcare	A. Kunjir, H. Sawant and N. F. Shaikh (2017)	The current advancement, development and improvement in the data mining algorithms have assured an ease in obtaining insights and precise prediction results.
2	Prediction of Cardiovascular Disease Using Machine Learning Algorithms	K. G. Dinesh, K. Arumugaraj, K. D. Santhosh and V. Mareeswari (2018)	This paper contributes the correlative application and analysis of distinct machine learning algorithms in the R software
3	Intelligent heart disease prediction system using data mining techniques	S. Palaniappan and R. Awang (2008)	A prototype heart disease prediction system is developed using three data mining classification modelling techniques. The most effective model to predict patients with heart disease appears to be Naïve Bayes followed by Neural Network and Decision Trees.
4	Applications of Data Mining Techniques in Healthcare and Prediction of Heart Attacks	Konda, Srinivas & B.Kavihta, Rani & Govardhan, Dr. (2010).	Using data mining, they have created a system to efficiently predict heart attacks. They have extracted data patterns from the dataset, and used them to classify the patient.

REFERENCES

1. A. Kunjir, H. Sawant and N. F. Shaikh, "Data mining and visualization for prediction of multiple diseases in healthcare," *2017 International Conference on Big Data Analytics and Computational Intelligence (ICBDAC)*, 2017, pp. 329-334, doi: 10.1109/ICBDACI.2017.8070858.

2. K. G. Dinesh, K. Arumugaraj, K. D. Santhosh and V. Mareeswari, "Prediction of Cardiovascular Disease Using Machine Learning Algorithms," *2018 International Conference on Current Trends towards Converging Technologies (ICCTCT)*, 2018, pp. 1-7, doi: 10.1109/ICCTCT.2018.8550857.

3. S. Palaniappan and R. Awang, "Intelligent heart disease prediction system using data mining techniques," *2008 IEEE/ACS International Conference on Computer Systems and Applications*, 2008, pp. 108-115, doi: 10.1109/AICCSA.2008.4493524.

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