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(57) Abstract :

The present disclosure relates to a system and method to detect heart disease in a user. The method includes receiving data associated with a user's health from one or more sources. The method also includes retrieving a pre-defined set of data from a database. The method further includes generating an analysis model, wherein generating the analysis model comprises training the analysis model using at least one of the pre-defined set of data, the data received from the one or more sources, or a combination thereof. The method also includes analysing the data received from the one or more sources upon comparing the received data with pre-defined set of data for generating an output representative of a prediction of a likelihood of a user developing heart disease based on said data, by the analysis model using a machine learning technique.

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