

(54) Title of the invention : METHOD AND APPARATUS FOR PREDICTING PATIENT HEALTH OUTCOMES USING MACHINE LEARNING AND IOT DATA

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(57) Abstract :  
A method and apparatus for predicting patient health outcomes using machine learning and IoT data are disclosed. The method leverages real-time data from various sources, including wearable devices, medical imaging, and electronic health records, to train a machine learning model that can accurately predict patient health outcomes. The apparatus includes a data collection module, a data processing module, a machine learning module, and a notification module. The system processes the collected data to extract relevant features, trains a machine learning model, and sends notifications to healthcare providers when adverse events are predicted. The present invention improves patient outcomes by enabling personalized medicine, streamlining clinical workflows, and reducing hospital readmissions.

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