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(57) Abstract :  
 The present invention relates to a design and develop a machine learning model (100) in viral disease diagnosis. The design and develop a machine learning model (100) in viral disease diagnosis include the following steps: collection of medical images of patients to identify viral disease; applying pre-processing on collected dataset to identify missing imbalance information with respect to viral disease; obtaining a feature extraction through classification of features; implementing machine learning algorithms to identify anomalies and abnormalities related to viral infections; analyse and validate the outcomes of machine learning models. The design and develop a machine learning model (100) in viral disease diagnosis can improve healthcare outcomes by improving disease detection and diagnosis

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