

ABSTRACT

The advent of Block-chain (BC) technology has become a remarkable, most revolutionary, and growing development in recent years. The medical or healthcare industry play a significant role in maintaining patient information and doctor and storing in healthcare manager with secured manner. In this work, it applies the block chain method to medical dataset and secure the data in the cryptography nature. The hybridization of AES and ECC algorithm implemented to secure the dataset. Then, we apply the unsupervised learning like K-Means clustering and Hierarchical clustering to cluster the data. After that the Deep Learning Algorithms such ANN, LSTM, CNN and RNN approaches are used to analyze and predict the Parkinson and diabetic disease from the dataset. Hence, the performance metric such as Accuracy, precision, F1 score are used to evaluate the prediction of disease.