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Covid-19 Data Analysis to Predict the Level of Hospitalization

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Abstract

The spread of Coronavirus has resulted in a global pandemic. It has caused a heavy burden on medical facilities world over. The analysis of Covid-19 data presented in the paper may help the medical experts to categorize the patient into four levels of hospitalization based on their age, symptoms, and any previous medical history. Different prediction analysis algorithms are implemented, and results are presented to verify the accuracy of the implemented methods. Naive Bayes algorithm is found useful to categorize the patients with highest accuracy and R square score. Its results are compared with some of the traditional machine