# TITLE OF THE PROJECT: PREDICTION OF COVID-19 USING SUPERVISED MACHINE LEARNING ALGORITHMS.

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ABSTRACT

Machine learning (ML) based forecasting mechanisms have proved their significance to anticipate in preoperative outcomes to improve the decision making on the future course of actions. The ML models have long been used in many application domains which needed the identification and prioritization of adverse factors for a threat. Several prediction methods are being popularly used to handle forecasting problems. This models are used to forecast the number of upcoming patients affected by COVID-19 which is presently considered as a potential threat to mankind. The COVID -19 predicts the cases in particular area using machine learning algorithms. Machine learning (ML) has proved itself as a prominent field of study over the last decade by solving many very complex and sophisticated real-world problems. The application areas included almost all the real-world domains such as healthcare, autonomous vehicle (AV), business applications, natural language processing (NLP), intelligent robots, gaming, climate modeling, voice, and image processing. ML algorithms’ learning is typically based on trial and error method quite opposite of conventional algorithms,

One of the most significant areas of ML is Forecasting, numerous standard ML algorithms have been used in this area to guide the future course of actions needed in many application areas including weather forecasting, disease forecasting, stock market forecasting as well as disease prognosis. Various regression and neural network models have wide applicability in predicting the conditions of patients in the future with a specific disease