LITERATURE SURVEY

S.NO	TOPIC	AUTHOR	YEAR	ALGORITHM	ACCURACY
1	Machine learning model for predicting the length of stay in the intensive care unit for Covid-19 patients in the eastern province of Saudi Arabia	Dina A. Alabbad a,* , Abdullah M. Almuhaideb b , Shikah J. Alsunaidi c , Kawther S. Alqudaihi c , Fatimah A. Alamoudi c , Maha K. Alhobaishi a , Naimah A. Alaqeel a , Mohammed S. Alshahrani d	2022	Random Forest (RF), Gradient Boosting (GB), Extreme Gradient Boosting (XGBoost), and Ensemble models	94.16%
2	Predicting length of stay in hospitals intensive care unit using general admission features	Merhan A. Abd-Elrazek a , Ahmed A. Eltahawi b,⇑ , Mohamed H. Abd Elaziz c , Mohamed N. Abd-Elwhab d	2021	ML techniques used are Neural Networks(NN), Classification Tree(CT), Tree Bagges(TB), Random	92%

				Forest(RF), Fuzzy Logic(FL), Support Vector Machine(SVM), KNN, Regression Tree(RT) and Navie Bayes(NB)	
3	Pandemic Analytics: How Countries are Leveraging Big Data Analytics and Artifcial Intelligence to Fight COVID-19	Nishita Mehta1 · Sharvari Shukla2	2021	big data and AI techniques	90%
4	Applications of big data analytics to control COVID-19 Pandemic	Shikah J. Alsunaidi 1, Abdullah M. Almuhaideb 2,*, Nehad M. Ibrahim 1, Fatema S. Shaikh 3, Kawther S. Alqudaihi 1, Fahd A. Alhaidari 2, Irfan Ullah Khan 1, Nida Aslam 1 and Mohammed S. Alshahrani	2021	artificial intelligence (AI); big data; big data analytics;	98%

5	Data Science in Healthcare: COVID-19 and Beyond	Tim Hulsen	2022	ML ,Deep Learning,AI,NLP	95%