Eerily! At this juncture in India, the tests for novel coronavirus can only be conducted on 8000 people in a day. But if the situation gets worsened subsequently; with increasing numbers and limited facilities in India the doctors will not be able to decide which lot of people should be tested first and which should be left for later. And since there is no scientific criterion to make the choice the doctors may end up making wrong choice resulting in increase in death ratios.

Thus, I suggest a criterion on which this decision can be made so that the limited facility is utilised on those who requires it the most. The criterion which I suggest will be dependent on machine learning technology. This model will be based on some features such as; average fever, body pain, age, runny nose and difficulty in breathing ,etc. The value of these features will be pre-defined. Output (label) of these features will show the chances of person to catch the COVID -19.

These features are determined from the swine flu dataset as I am not equipped with COVID-19 dataset. If I am provided with COVID-19 data, then it will be easier for me to determine those features which will exactly predict the COVID-19 possibilities in a person. Further, if real time data is provided, I will ensure to train the model and conduct test on it to check the accuracy of the model.

As it is not pragmatic for doctors to check each patient, I suggest that this model can be used by survey team which is sent by government door to door, this survey teams can use this model to check who needs to get the tests done from the doctors immediately.

Therefore, I conclude that this model will help in predicting the chances of person to catch COVID-19. Hope I will be of some help amidst this pandemic.

- Aditya Chhajer