Abstract

The main purpose of this paper is to bring out a distinct strategy to promote and predict the dispersion behaviors of epidemic diseases before they actually happen. With innumerable cases of epidemic outbreaks being recorded in various parts of the world, techniques such as those discussed in this paper, if widely used, under supervision can help to circumvent such occurrences even before they actually happen with accurate predictions. This would also ensure a better coping mechanism is provided to study the spread of such infections and adequate control mechanisms are put in place to prevent loss of human life. Through the course of the paper, the hope is to develop a well-defined prediction methodology that can predict the likelihood of an individual being affected by a particular epidemic through assessing of early symptoms and also predicting future instances in their infancy.

References

1. Daphne Lopez, M. Gunasekaran, B. Senthil Murugan, Spatial big data analytics of


**Index Terms**

Computer Science

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**Keywords**

Epidemics, Diseases, Forecasting, Pathogen, Detection, Bio-surveillance.