Abstract

This research paper mainly focuses on a data mining technique, that had an objective of creating a prediction model, using decision tree for predicting the chances of occurrences of diseases in an area, particularly slum. This model also identifies different significant parameters which can be used to help for the creation of model. Decision tree is one of the learning algorithm which possess certain advantages which make it suitable for discovering rules for data mining application. In this paper the decision tree has been applied to classify the inhabitants in an area based on the chances of hitting a disease. This paper intended to discover the rules for the disease hit using decision tree algorithm. The paper also explores what rule can act in this area for the future prediction.

References

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Classification Rules by Decision Tree for Disease Prediction


Index Terms

Computer Science  Artificial Intelligence

Keywords

Clustering  Data Mining  Decision Tree  Prediction