

# Predictive Analysis of Malaysian Dengue Hemorrhagic Fever Data from 2010 - 2017 Using BigML

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Dengue fever is a viral infection that is transported through mosquitoes to humans. It can progress into a more severe condition which is known as dengue hemorrhagic fever. Dengue hemorrhagic fever is a tropical mosquito viral illness and it has been a major health concern in Malaysia. Our ultimate research goal is to run a predictive analysis on the dengue hemorrhagic fever annual data by age groups and states. We aim to get the dengue hemorrhagic fever pattern and forecast the future outbreaks by predicting the most popular age group and state for the disease in order to get an early warning and awareness to the people living in Malaysia. In this project, we will use BigML (an online machine learning tool) to analyze dengue hemorrhagic fever annual data by age and state from 2010 until 2017 which can be found in the Malaysian Open Data Portal.