

DengAI: Predicting Disease Spread

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ABOUT

PROBLEM DESCRIPTION



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Predict the Next Pandemic Initiative

The data for this competition comes from multiple sources aimed at supporting the [Predict the Next Pandemic Initiative](#). Dengue surveillance data is provided by the U.S. Centers for Disease Control and prevention, as well as the Department of Defense's Naval Medical Research Unit 6 and the Armed Forces Health Surveillance Center, in collaboration with the Peruvian government and U.S. universities. Environmental and climate data is provided by the National Oceanic and Atmospheric Administration (NOAA), an agency of the U.S. Department of Commerce.

In their own words:

Accurate dengue predictions would help public health workers ... and people around the world take steps to reduce the impact of these epidemics. But predicting dengue is a hefty task that calls for the consolidation of different data sets on disease incidence, weather, and the environment.

This is a complicated and messy problem, to be sure. But real data is often complicated and messy. Study up using the resources below—your insights could save lives!

You can learn more here:

- [Dengue Forecasting Homepage](#)
- [CDC Dengue Overview](#)

- [NOAA Wiki](#)



A B O U T D R I V E N D A T A

[What we do](#)

[Who we are](#)

[Blog](#)

[Job opportunities](#)

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