



# CAN DATA SCIENCE SAVE HUMAN LIFE?

## VIDEO TRANSCRIPT

Can data science save human lives?  
We took on the great challenge of life itself.

By leveraging analytics, we tackled the issue faced by hospitals and emergency services in Saga prefecture to shorten the emergency transport time, from emergency calls to arrival at the hospital

We analyzed 150,000 cases of transport data collected from iPads installed inside all emergency vehicles in the prefecture.

By analyzing unused data retrieved from Saga prefecture's "99 Saga-Net" that accurately finds the nearest hospital to take in emergency patients, we discovered that it would be possible to reduce around 40% of cases in which the hospitals have difficulty accepting patients based upon our robust machine learning algorithm.

Our unique AI technology and scientific machine learning approach helped improve coordination among government, hospitals and emergency services and optimized the dispatch process.

In this project, we successfully collaborated with experts who have diverse skills through cloud servers across the globe.

Accenture's innovative practice provided a pioneering the path on which Japan and other countries in the world, can follow in the future.

Our approach to using analytics to solve social problems was highly valued with an award by the government.

Our scientific approach of leveraging analytics, a liquid workforce in practice, and direct communication with healthcare professionals on site, led us to save many lives.

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