

[International Financial City OSAKA Promotion Committee: Sharing Initiatives (Part 2)]

Introducing Commissioner : Mitsui Sumitomo Insurance Co.

Police Agency Open Data Visualization Traffic Accident Map Released

~Contributing to the realization of a comfortable, accident-free mobility society for the creation of a safe and secure community through the use of digital~.

The "Traffic Accident Map" visualized by the BI tool "Tableau*" was created and published on the website of Mitsui Sumitomo Insurance Company, Limited. The data is based on the "open data of traffic accident statistics" published by the National Police Agency and visualized using the BI tool "Tableau*". In addition to this data, we will further enhance the traffic accident map by combining various data such as traffic volume.

Tableau is a BI (Business Intelligence) tool that specializes in visualizing complex and large volumes of data, and is an application characterized by the flexibility of its dashboard, which combines various indicators on a single screen.

(Image of utilization)

1. Items to be displayed

(a) Number of traffic accidents, fatalities, and injuries

Displays the cumulative total of the number of accidents and the number of people in the target area or range.

(b) Map of accident locations and density of accidents

Displays a map of the locations of accidents in the area/range of coverage. By selecting the weather or day/night classification, the number of accidents can be narrowed down according to the conditions at the time of the accident by selecting the weather or day/night category.

(c) Graphs showing the number of accidents, injuries, and fatalities

Displays a graph showing the number of accidents and the number of people involved in each area.

2. Application Examples

Schools: Identification of priority areas to watch for traffic accidents near designated school routes, etc.

Municipalities: Establishment of safe routes from the nearest station to the venue of an event

Transportation: Review delivery routes and alert drivers to frequent accident locations.

Others: Route selection for demonstration tests of self-driving cars and buses

Other: Selection and review of routes that require safe travel for nursing care, childcare, etc.

3. Place of publication

URL: <https://pro.ms-ins.com/ristech/map.html>

MSI will continue to aim to solve social issues through the use of data and to create shared value with society.