

ベンチャー体験工房3



Developing a Novel Pattern Mining Model to Discover Hidden Patterns in Fukushima

Traffic Congestion Big Data



- Building Traffic Congestion Prediction Models for Large-Scale Transportation Networks
- Exploring Pattern Discovery in timeseries

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概要

- Japan Road Transportation Information Center (JARTIC) has set up the sensor network to monitor traffic congestion in Fukushima.
- Each road-segment in this network generates data at every 5-minute interval.
- Previous year, we have developed a data warehouse technology that generates data frames at 10 times faster than the state-of-the-art.
- This year, we plan to develop a multitask learning algorithm and a novel pattern algorithm to discover hidden traffic congestion patterns.

実例

