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Eventflow

Event prediction for intelligent urban mobility systems

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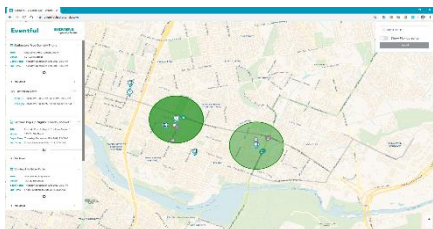
Event data for cities made easy

Forecasting popular future events using a data-driven solution

Identify popular events for better mobility management

Eventflow uses state-of-the-art AI and machine learning to automatically identify and predict where most popular events will be in urban environments, helping transit and traffic agencies better prepare for road and public transport conditions pro-actively.

Visualize predictions with an intuitive cloud-based tool

The system provides a user-friendly interface that gives transportation engineers the ability to visualize events, including Key Performance Measures for existing public transport facilities in a move that can help agencies increase ridership through new or replacement services to serve rider demand.

Cloud-based visualization

Integrate upcoming events using Eventflow's open API

The prediction of popular event location and times can be provided as an Application Programming Interface (API), allowing users to interface the results to transit and Advanced Traffic Management Systems (ATMS) for planning, simulation and operations to leverage roadside infrastructure around message signage and traffic management.

Powered by the ITS Digital Lab

The solution builds on the ITS Digital Lab, a group focusing on building data-driven applications that can help city authorities make mobility for citizens safer, more efficient and more environmentally friendly. Offered as a service, Eventflow showcases the AI & machine learning from the ITS Digital Lab team at Siemens, a group that is at the forefront of data analytics for smart cities helping customers globally with innovative solutions.

Benefits to traffic and transit operators

- **Automate** the identification unoficial events without the need for manual effort in online or offline searching

- **Predict** where most popular future events will be ahead of time, helping to identify areas for service improvement

- **Plan** for replacement, additional transit services, using data for marketing promotions to increase transit ridership

- **Manage** traffic conditions efficiently, automating responses for network management to save operational costs and increase road safety

Contact details

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