

## Real-Time Streaming Analytics for Classification of Hazard Events

Big Automotive-Data Analytics (BADA) project – Hazard Warning

## Hazard Warning

- Analyze and classify hazard warning events received in real-time from vehicles on the road
- Deployed using the Hops Platform in our datacenter in Luleå
- Prototype tested in a live scenario with Scania trucks, Volvo trucks, and Volvo cars

## Hops Platform

- Multitenancy: allowing multiple car manufacturers to collaborate
- Kafka: Store and buffer streaming events
- Flink: Streaming analytics + data generation for testing
- Kibana/Elasticsearch: Real-time visualization



















