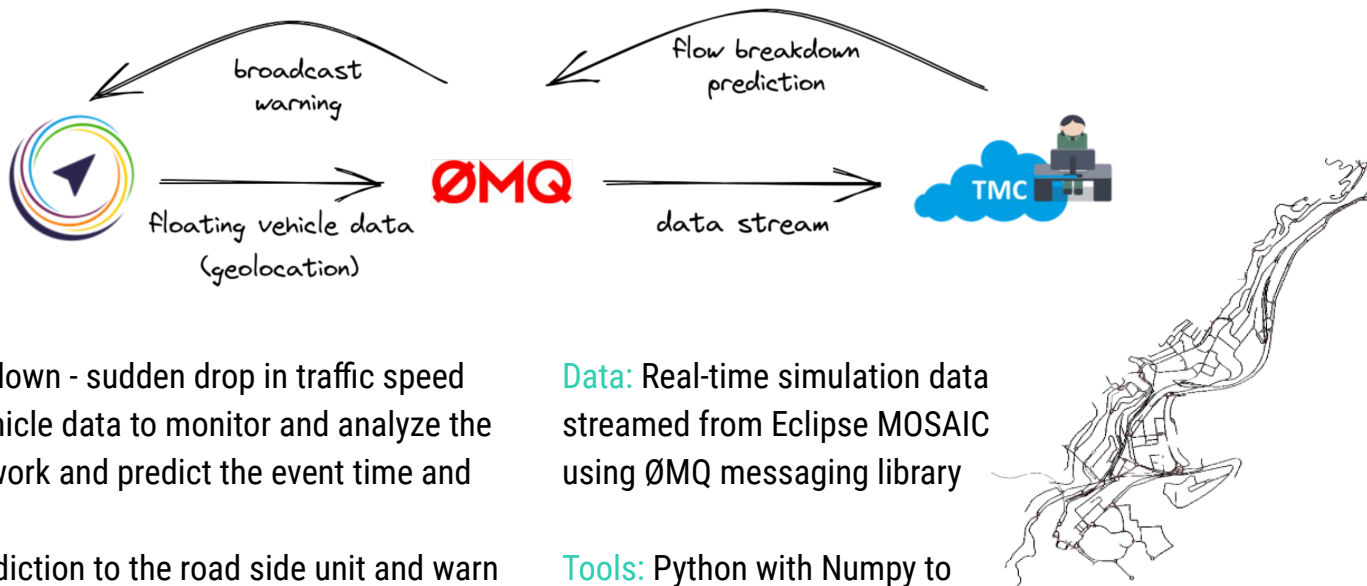


Implementing a Traffic Monitoring and Advisory System with a Stream Processor



- Traffic flow breakdown - sudden drop in traffic speed
- Utilize floating vehicle data to monitor and analyze the Monaco road network and predict the event time and location
- Transmit your prediction to the road side unit and warn the vehicles before the network deteriorates
- Sub-task: Visualize the floating vehicle data

Data: Real-time simulation data streamed from Eclipse MOSAIC using ØMQ messaging library

Tools: Python with Numpy to analyze the stream