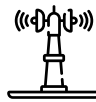# DATA:SPACE:FREIBURG

In the context of the use case for the city of Freiburg, traffic flows, especially of cars and bicycles, are visualized in real time. Past data on traffic conditions is also restored and displayed in terms of time and period.
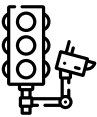
Data Sources

 Vehicle fleet data

 Radar systems

 AI-based camera systems

 Induction loops

Impact

The result of the use case is a live data visualization that serves the explorative analysis of traffic flows in the city. This allows hypotheses to be formed about the course and forecasts, which in turn serves as the basis for a better understanding and more efficient, people- and environment-friendly planning and control of traffic. The focus on bicycle traffic is particularly new here.

Benefits (for citizens)

 Identification of challenges in traffic control

 Easy visualization, reconstruction and (Real-time) monitoring of traffic situations

 Perspective: People-friendly, evidence-based planning and expansion of transport, especially bicycle infrastructure

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