

Dataset Creators



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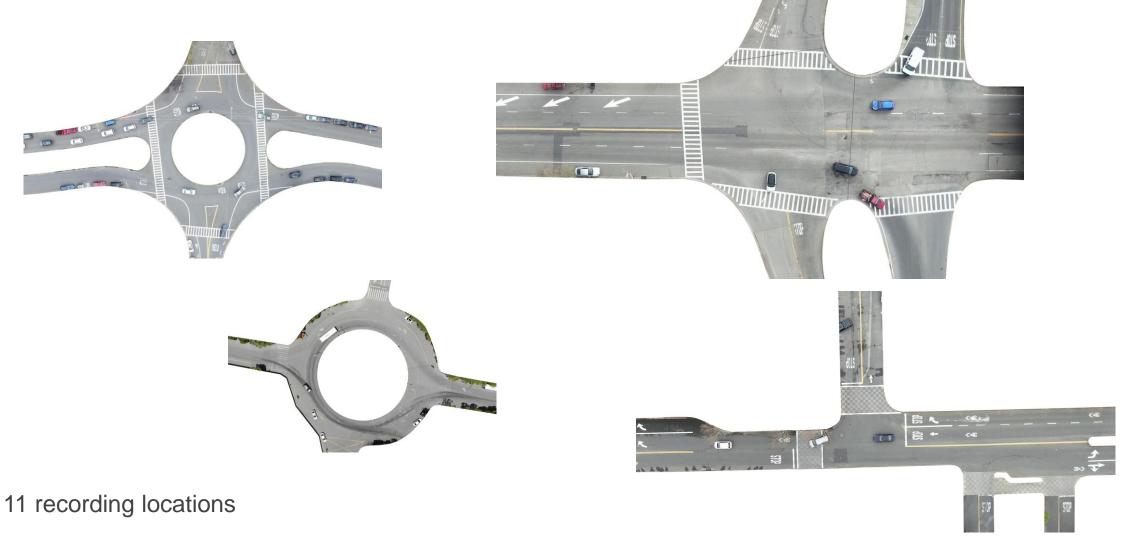
Not a comprehensive list!

- 1 FZI Research Center for Information Technology, Karlsruhe, Germany
- 2 Karlsruhe Institute of Technology, Karlsruhe, Germany
- 3 University of California at Berkeley, Berkeley, USA
- 4 MINES Paris Tech, Paris, France









Use cases



https://interaction-dataset.com/



For the 11 recording locations, three files for each location are included:

- 1. High definition (HD) map (xxx.osm)
- 2. Recorded vehicle track files (vehicle_tracks_xxx.csv)
- 3. Recorded pedestrian track files (pedestrian_tracks_xxx.csv)

track_id	frame_id	timestamp_ms	agent_type	x	У	VX	vy	psi_rad	length	width
1	1	100	car	13.856	38.136	0.098	-0.583	-1.405	4.67	1.98
1	2	200	car	13.865	38.079	0.088	-0.566	-1.417	4.67	1.98
1	3	300	car	13.874	38.023	0.078	-0.547	-1.429	4.67	1.98
1	4	400	car	13.881	37.97	0.07	-0.527	-1.439	4.67	1.98
1	5	500	car	13.888	37.918	0.063	-0.505	-1.448	4.67	1.98
1	6	600	car	13.894	37.869	0.056	-0.483	-1.455	4.67	1.98
1	7	700	car	13.899	37.821	0.051	-0.462	-1.461	4.67	1.98
1	8	800	car	13.904	37.776	0.048	-0.445	1.775	4.67	1.98



The dataset can serve for many behavior-related research areas, such as

- 1) intention/behavior/motion prediction,
- 2) behavior cloning and imitation learning,
- 3) behavior analysis and modeling,
- 4) motion pattern and representation learning,
- 5) interactive behavior extraction and categorization,
- 6) social and human-like behavior generation,
- 7) decision-making and planning algorithm development and verification,
- 8) driving scenario/case generation, etc



Lanelet2 maps

- High-definiton maps
- Traffic rules & routing graph features
- Bindings to ROS
- BSD 3-clause Licence



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