

10th Transport Research Arena (TRA), Dublin, 2024

Artificial Intelligence boosting Road Safety

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AI for **raw data cleaning** from sensors (e.g. outlier detection and removal)

AI for **image recognition and navigation** (e.g. Computer vision, Autonomous Vehicle piloting)

AI for **conceptual grouping** and pattern recognition (e.g. aggressive drivers, spatiotemporal crash hotspots)

AI for **data harmonization** across different data sources (e.g. geometry, traffic, telematics)

AI for road safety **causal modelling**, i.e. what causes crash occurrence or injury severity?

AI for **data-oriented pattern** recognition (e.g. harsh driving event detection)

AI for road safety **predictive modelling** (forecasting), i.e. how many crashes / injuries will occur?

Horizontal AI uses (e.g. big data parsing/processing)

