## **Application for Traffic Event Analysis** in the City of Most

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## **Data Processing Script** traffic data folder api extractors.py extractors.py api loaders.py

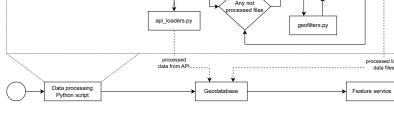


Figure 1: Schema of the developed script and its role in the whole process.

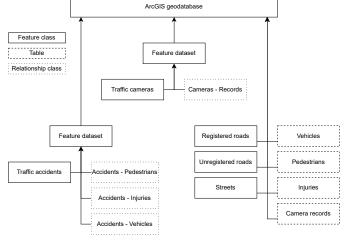


Figure 2: Schema of the created ArcGIS geodatabase.

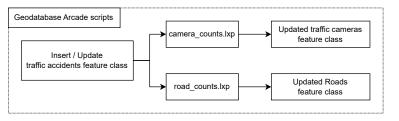


Figure 3: Schema of Arcade scripts which calculate additional attributes such as average traffic density or number of accidents on a given road.

## Module Design Base Extractor Extractor 1 Extractor 2 Extractor N Figure 4: Example of Configuration Extractor selection module design schema. Another injection point Injected extractor Extracted Data

## Web Application



Heatmap Linie

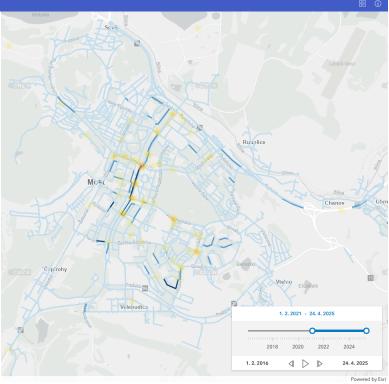


Figure 6: Screenshot of the deployed app showing hotspots of pedestrian collisions in the last 5 years and accident prone streets inside the city of Most.



Figure 5: Examples of

available visualizations



