Theo Lemay and **Claire Hu**
January 16, 2026

Julia Trinca
Queen’s student, Kingston local

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"I hit a bump in the road and I spilled my coffee all over myself!"

"There's this one corner that's always so icy, my car goes sliding every time."

"There's graffiti everywhere now. I see so much driving to campus."

100,000+ more Kingstonians witnessing infrastructure damages every day.

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In 2025, the City of Kingston invested $40M in infrastructure repair.

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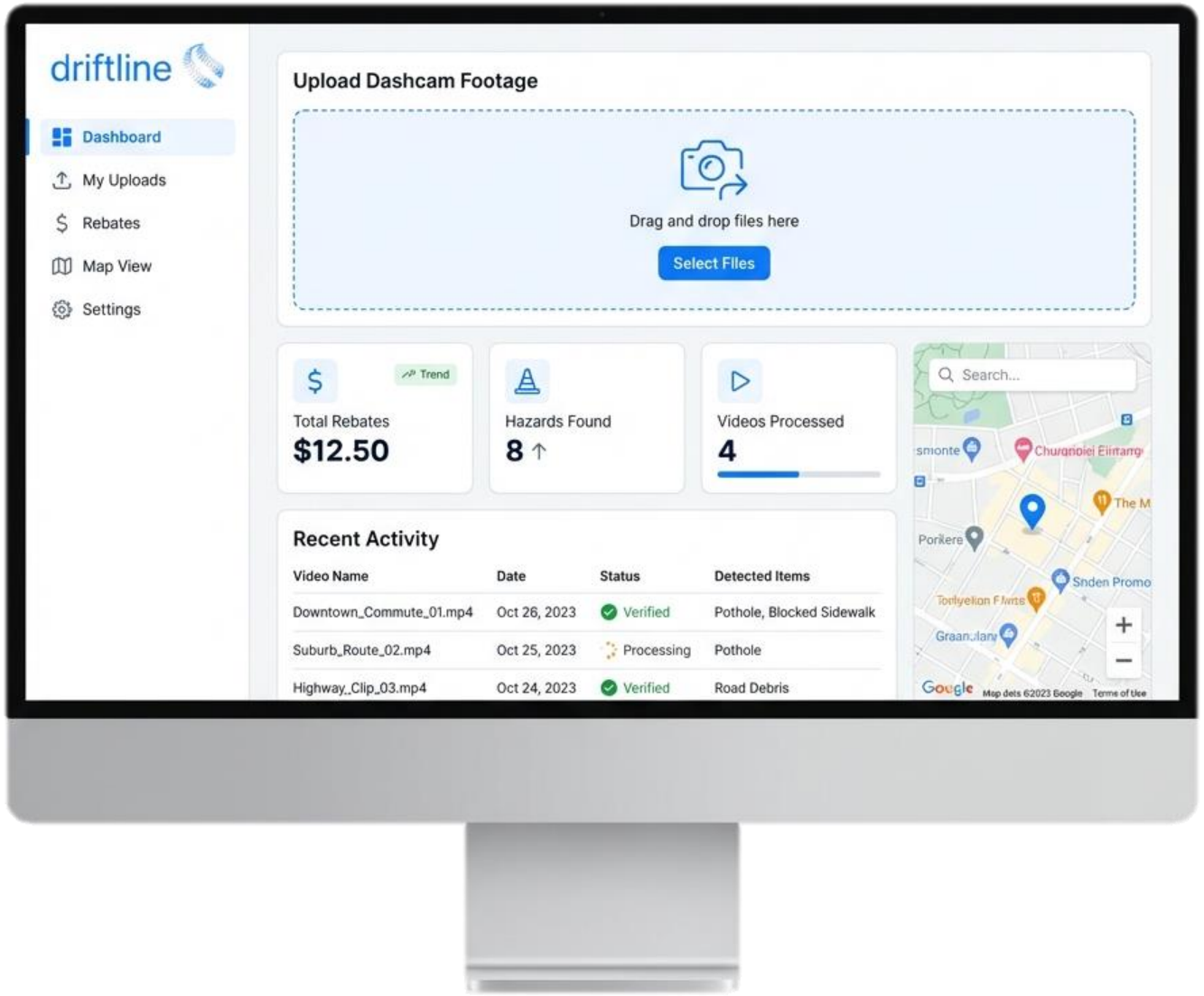
Kingston's mobile data collection tool.
Leveraging our community to build for our community.



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Roadway Infrastructure Hazards

- Potholes
- Pavement cracks
- Sinkholes
- Faded lane markings

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- Snow drifts
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Urban Blight & Code Violations

- Graffiti on walls/signs
- Trash buildup
- Bylaw infractions (e.g. unsafe building exteriors)

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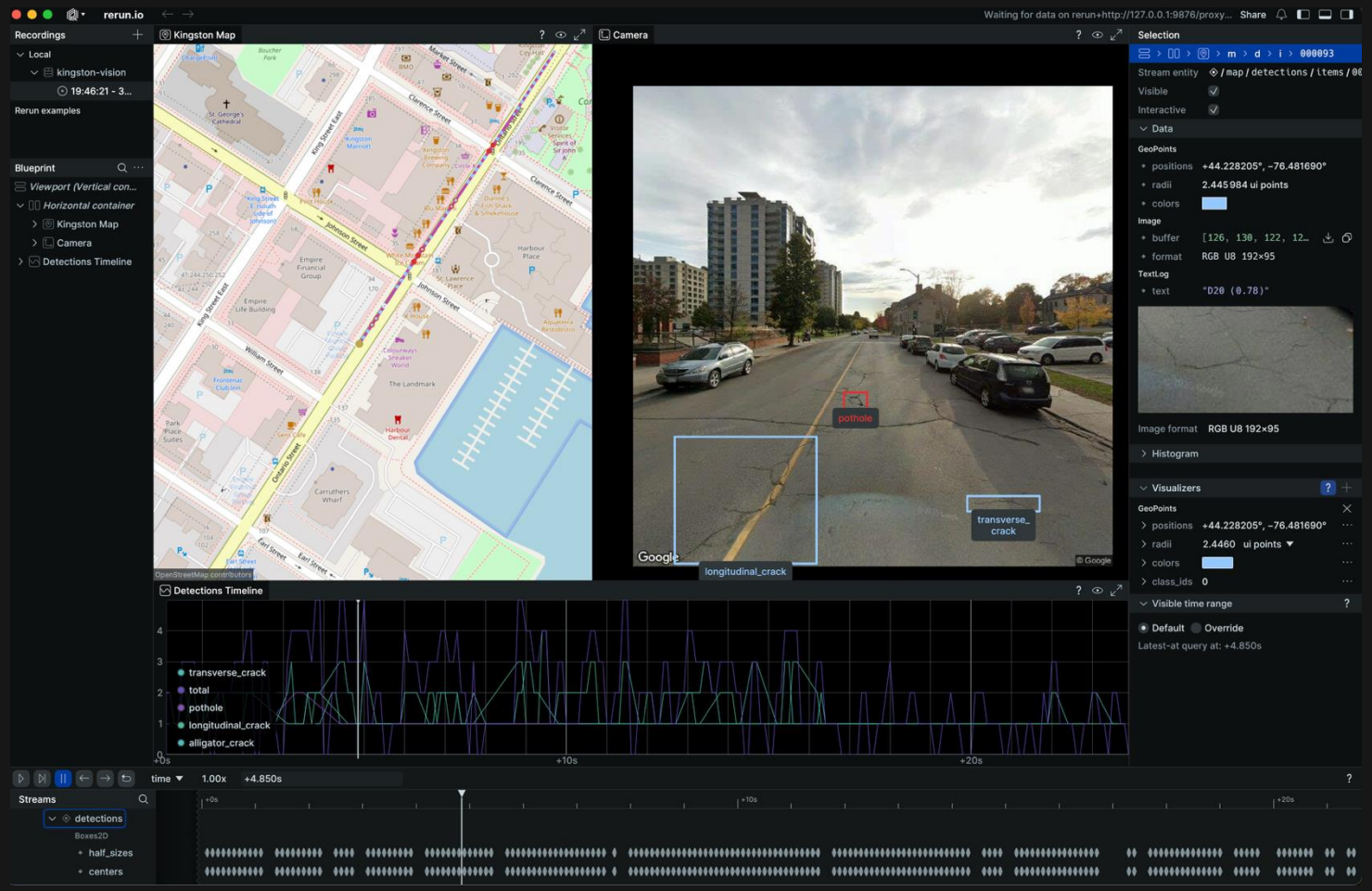
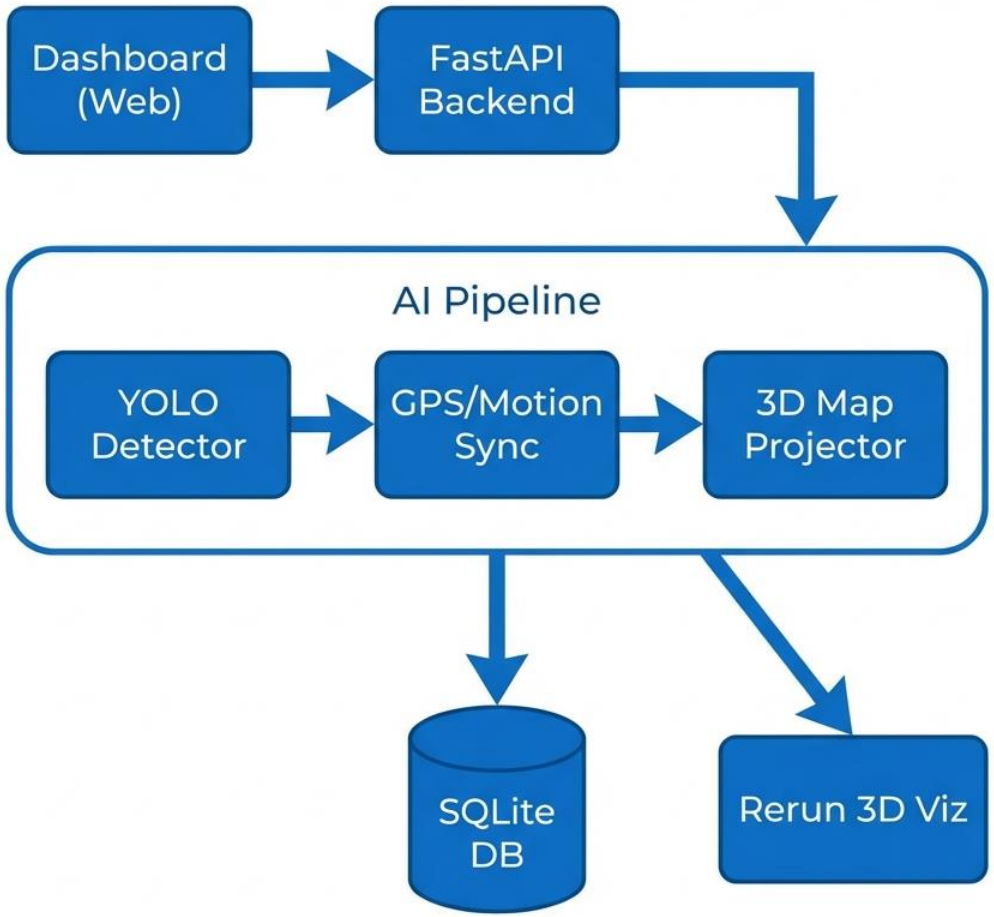
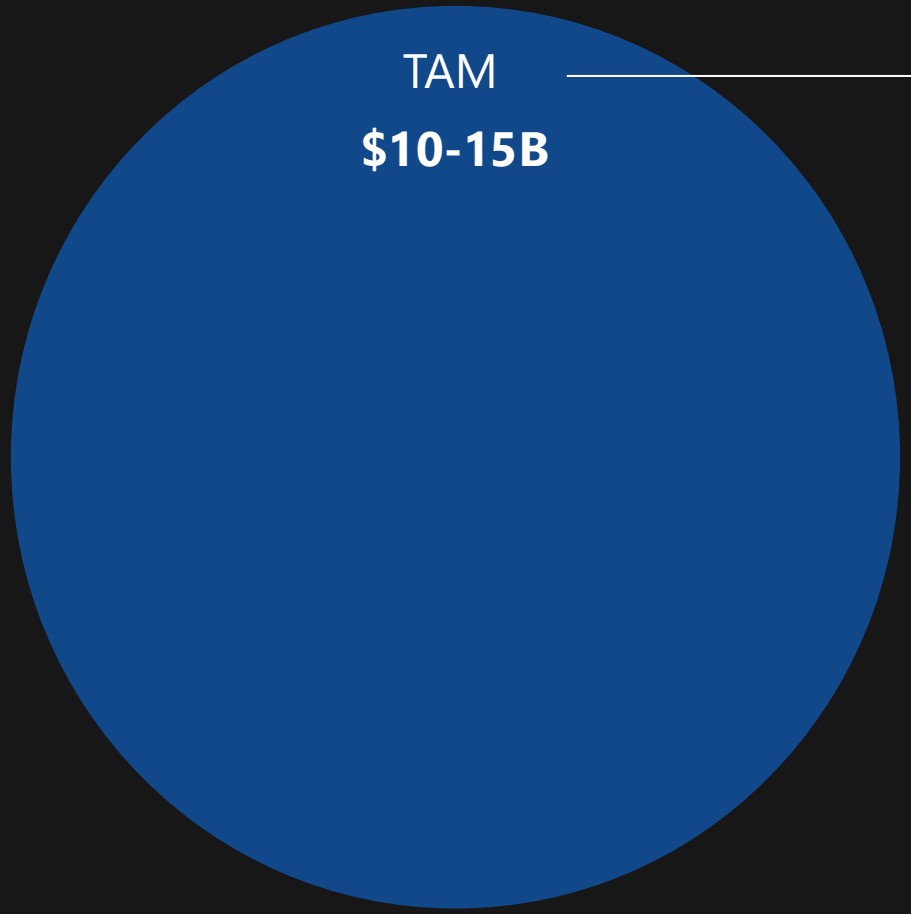


driftline | **Technical Architecture**



driftline | Technical Architecture

Processing Pipeline



Total Addressable Market:
Annual Canada-wide municipal spending on road, infrastructure, and related hazard management.

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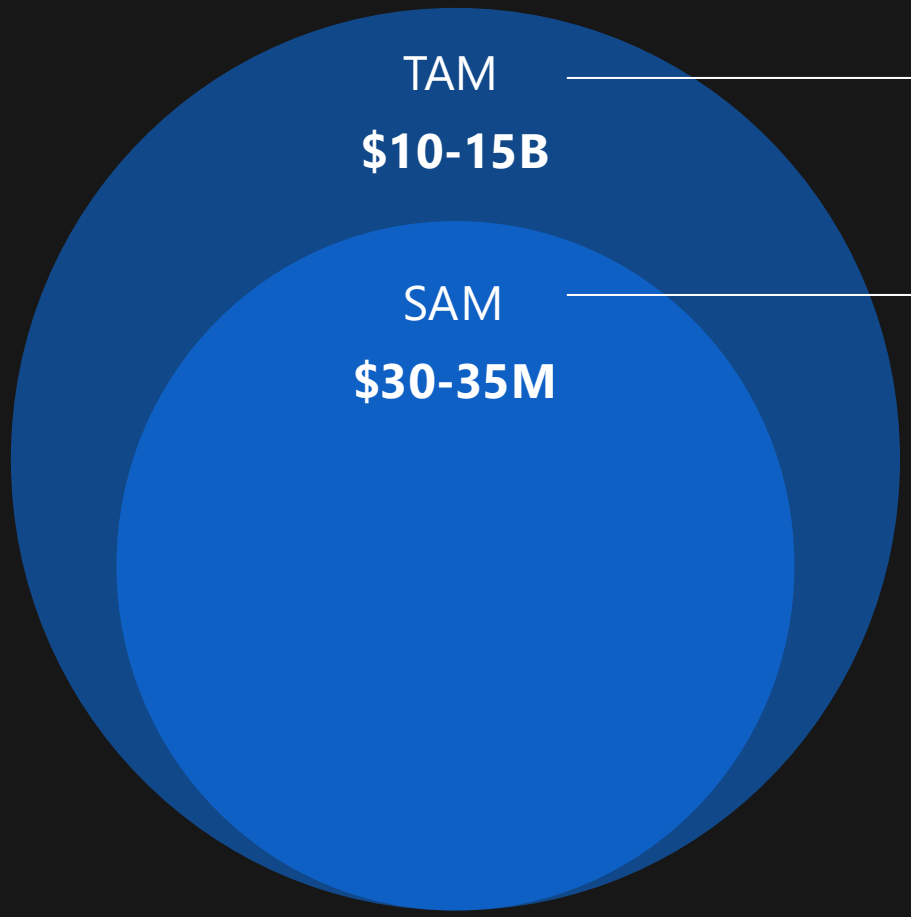

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Segment Addressable Market:
Annual City of Kingston spending on infrastructure maintenance, monitoring, and cleanup.

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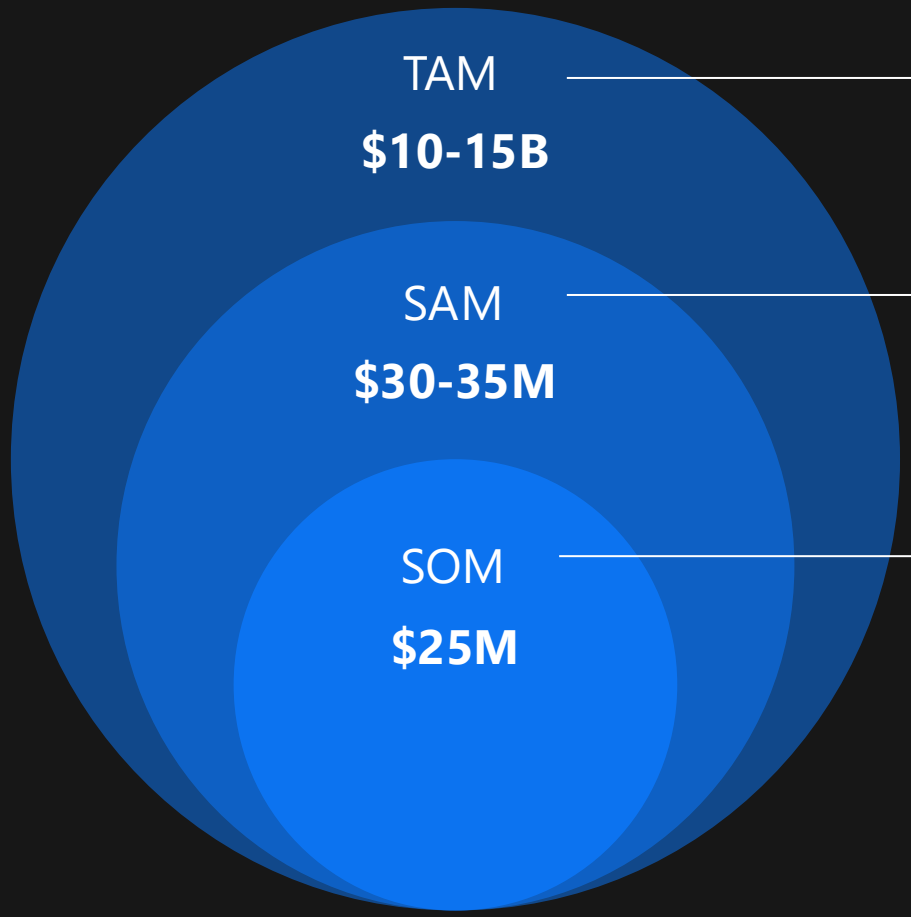

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Segment Addressable Market:
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Segment Obtainable Market:
Annual City of Kingston spending specifically on road and transportation infrastructure maintenance.

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We are people-first from ideation to implementation.

Drive Kingston forward.
Earn gas credits.

Fuel change.
Fix our streets.

Leveraging regularly commuting Kingston locals to inform infrastructure decisions.

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