



SAFETY & (RE)DEVELOPMENT

...an open data journey of Tuscany LRT station



Presented at the PIMS Datathon in Calgary on June 24, 2018



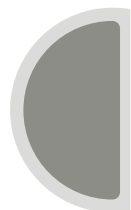
Framework



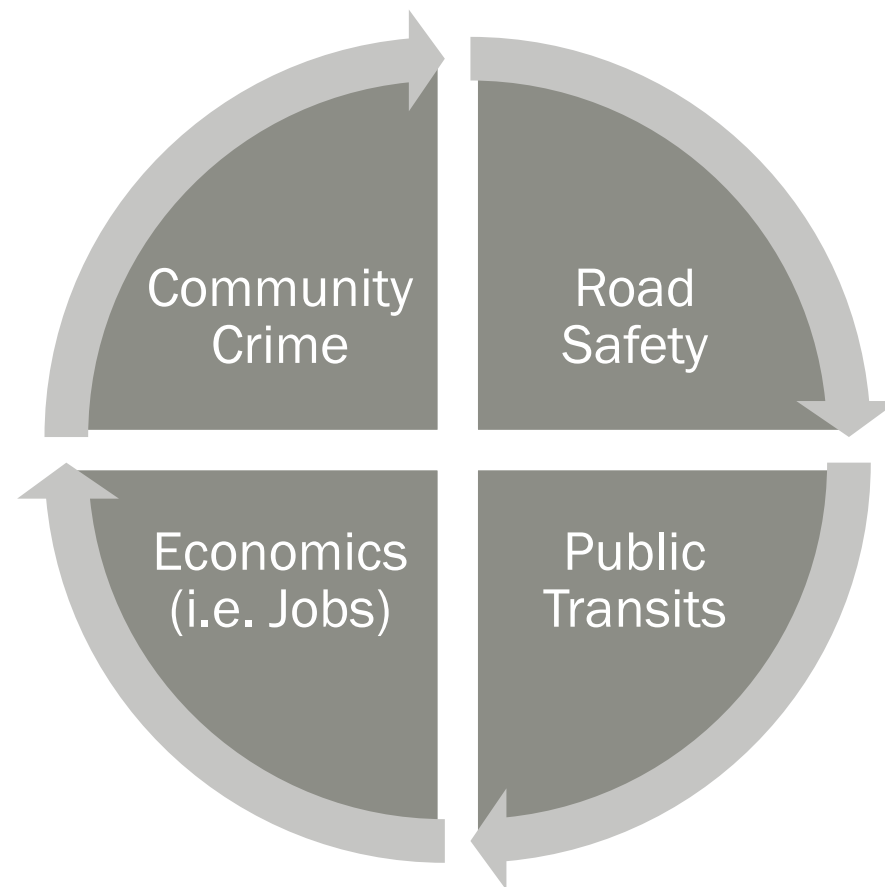
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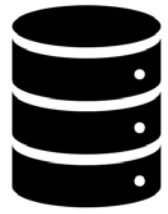


Immediate

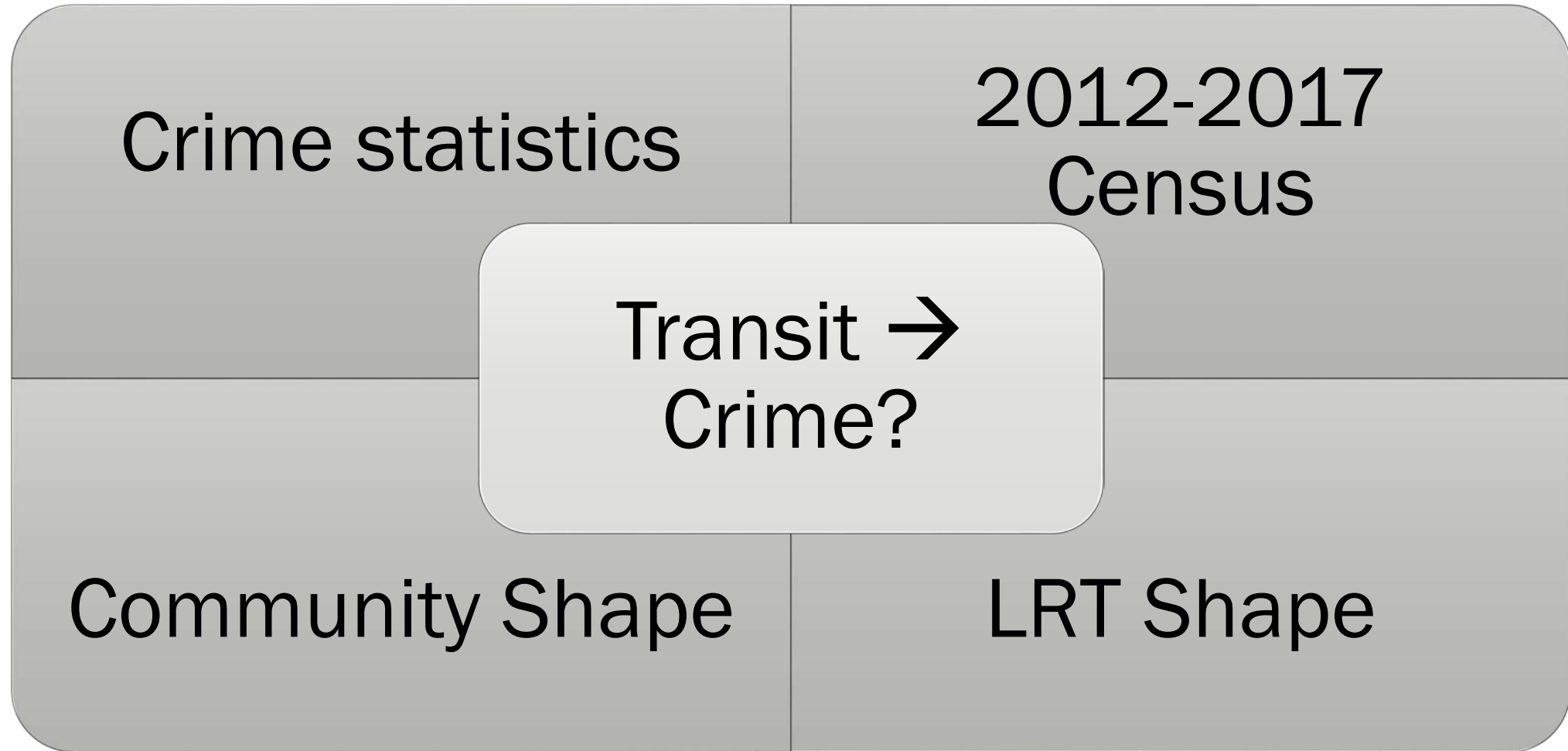


2+ Years





Difference-in-Difference & Heat Map

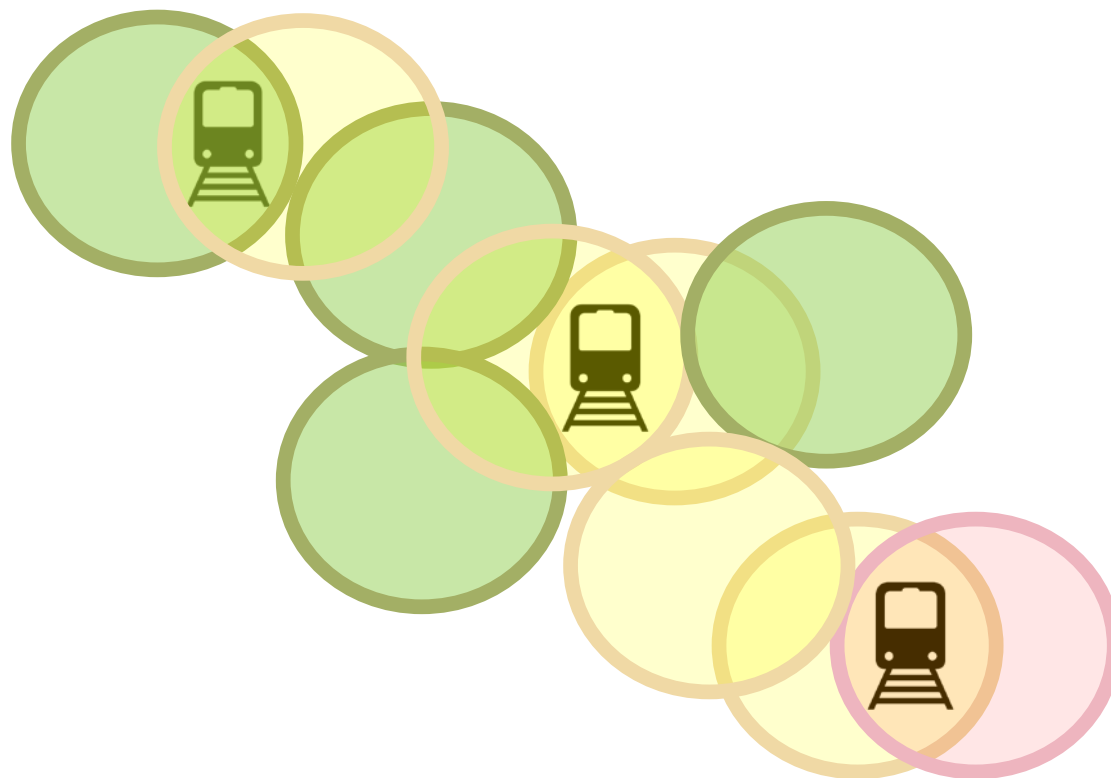




↑ Crime of Opportunity

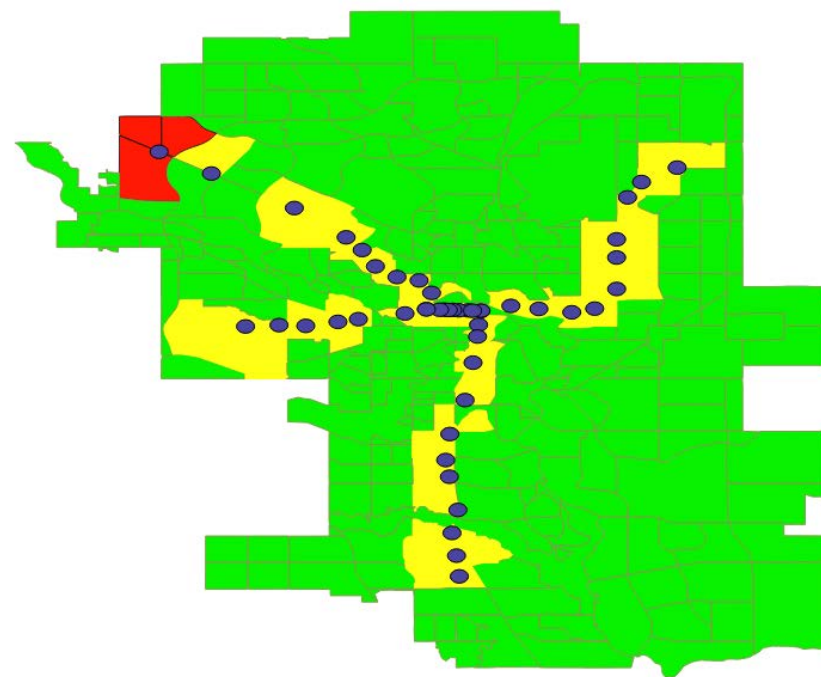
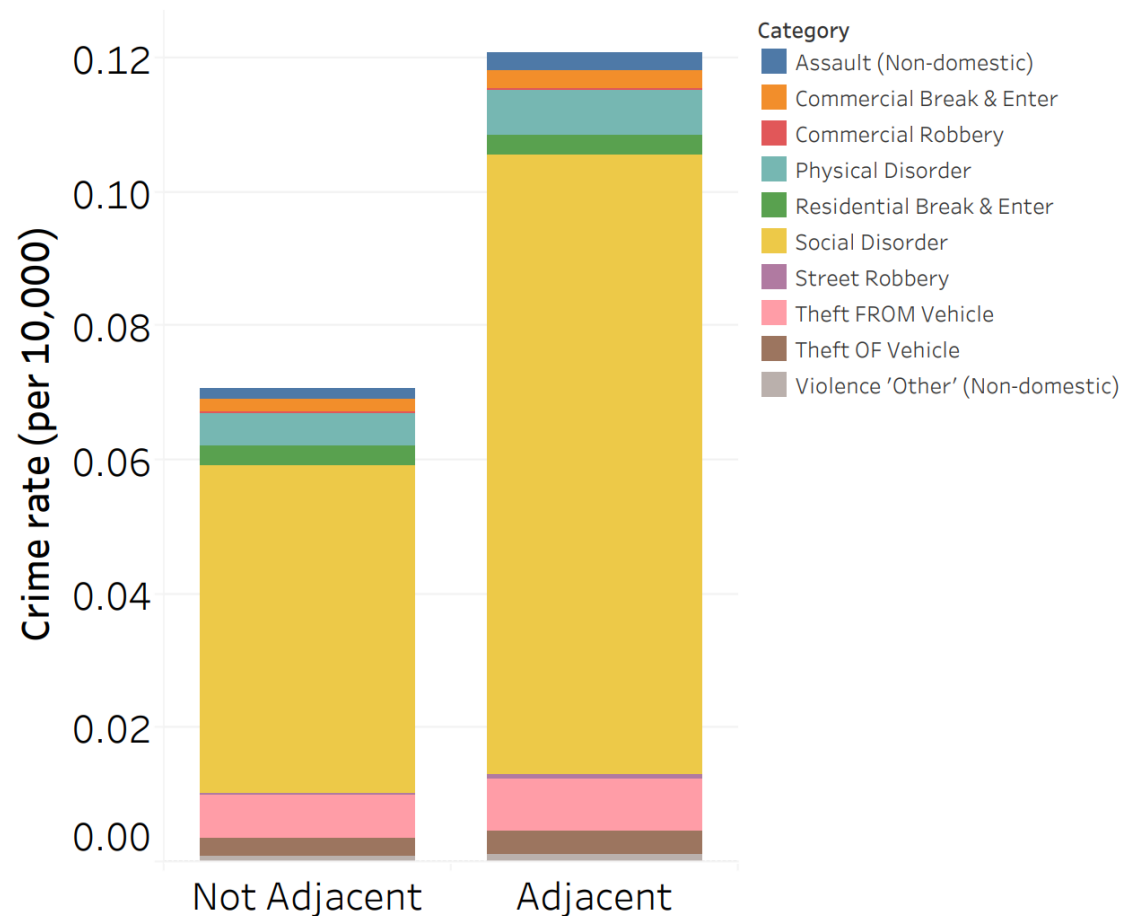


Crime Rate Of
LRT Station Communities





Crime Rate And LRT Stations

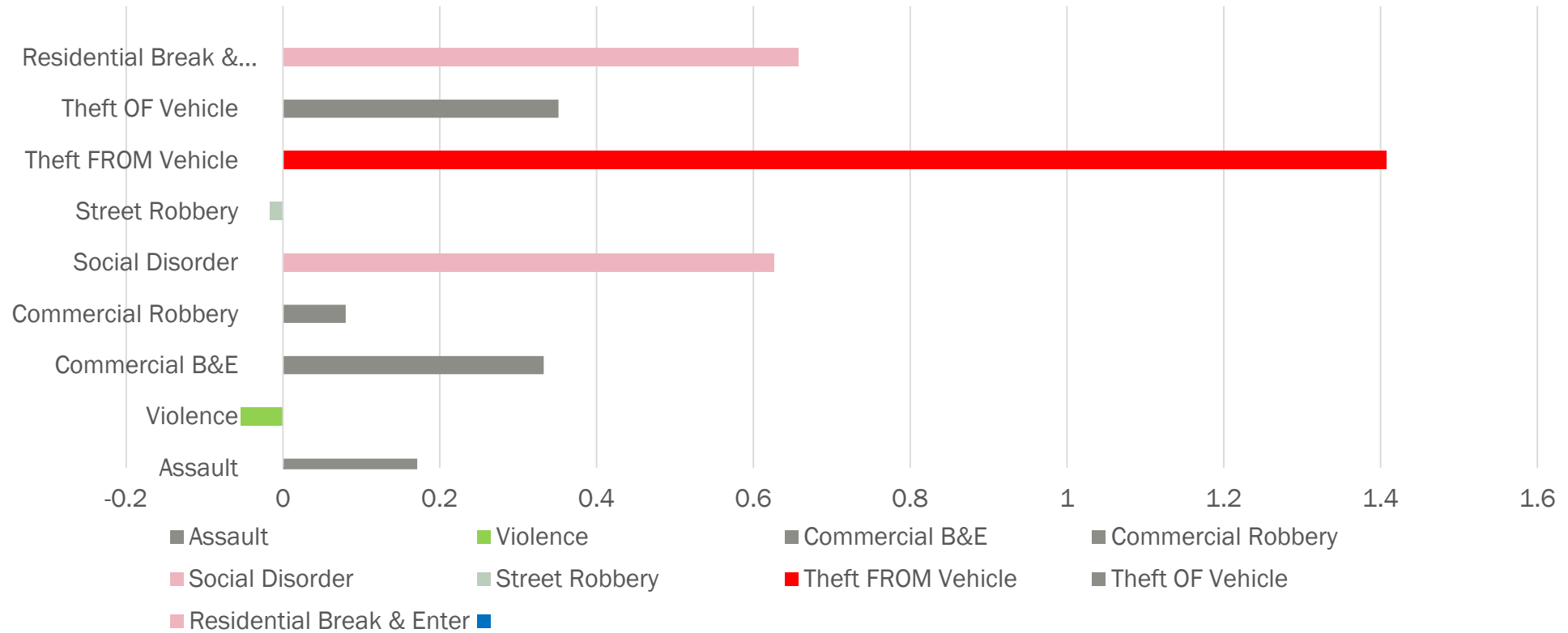


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↑ Crime of Opportunity

Differences In Average Crime Rate Between 2012 and 2013 By Category



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Recommendations



Data

- Historical (2008-2011)



- Other crime activity as control



- Community Characteristics



- Civilian Oversight



Mitigations

- Design



- Community Education



- Crime Prevention



Q&A

Alex, Andrey, Keenan, Michael

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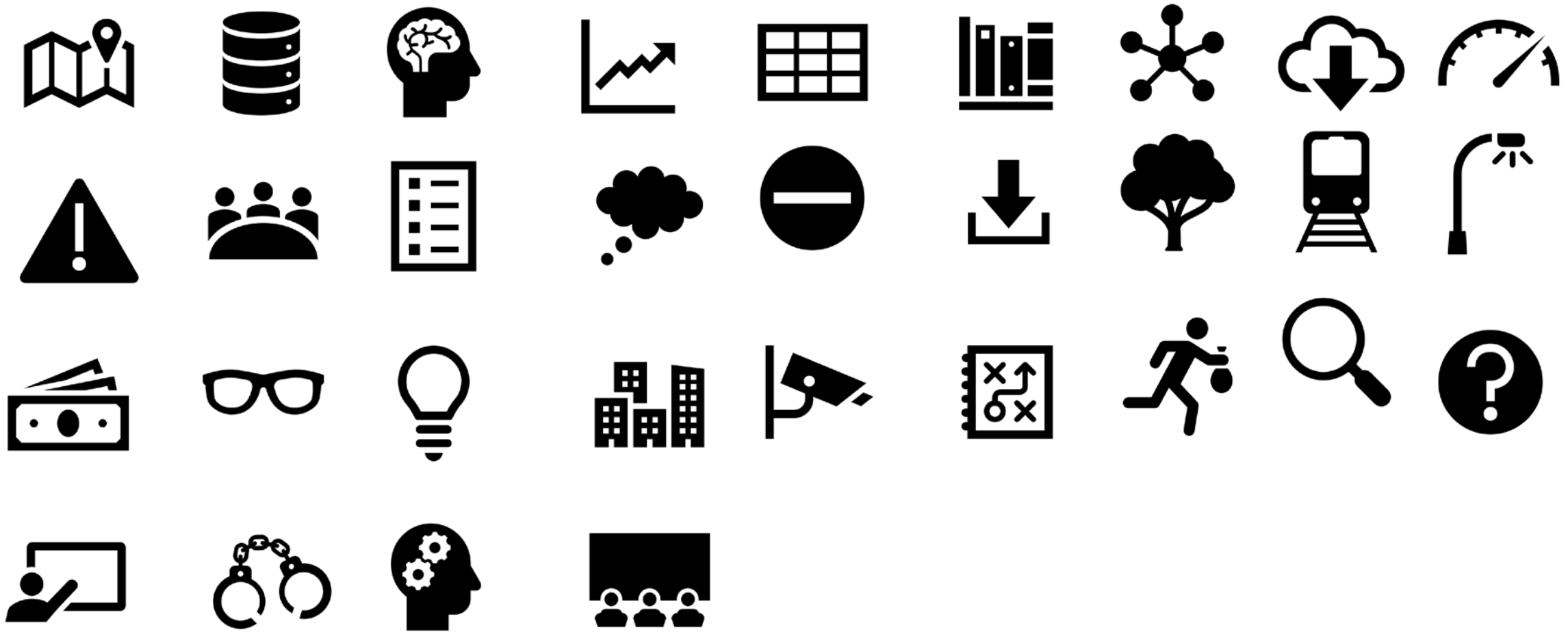


Wishlist

Transportation-related

- Transit's other services: transit density
- Privileged access to Anonymized police data

Analytics



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