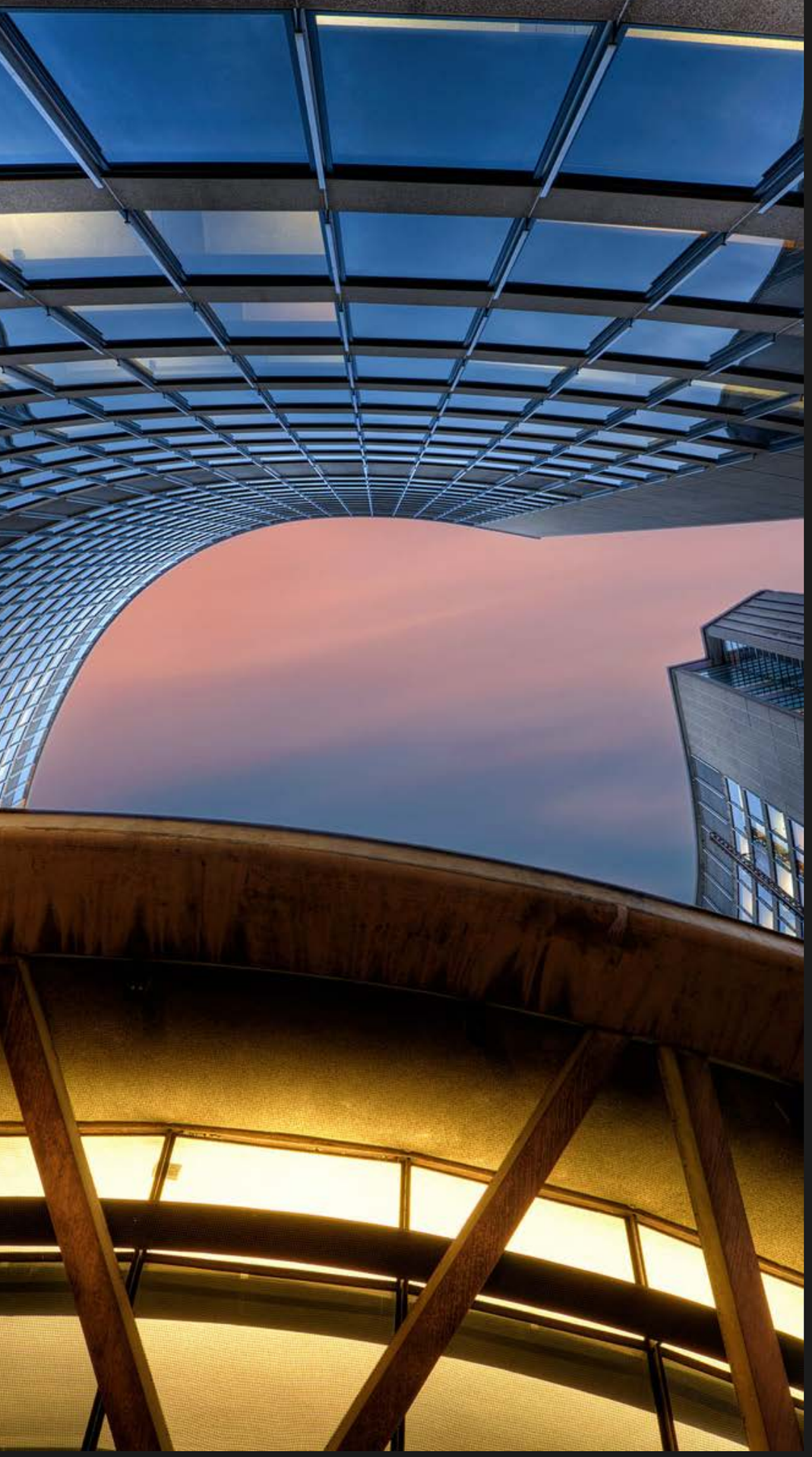
CITY OF TORONTO

BLUE CITIES CONFERENCE

TORONTO



FACTS & FIGURES

- Toronto has a population of approximately 2.7 million residents

- 4th most populous city in North America after Mexico City, New York City, and Los Angeles

FACTS & FIGURES

- Provides safe drinking water to 3.4 million customers
- Treats nearly 433 billion litters of drinking water every year
- 5,551 km of distribution watermains
- 64,913 valves 41,505 hydrants
- 154,856 maintenance holes
- 87 wastewater pumping stations

REMOTE SENSING DEVICES & AN INTELLIGENT NETWORK

- Geometric Network

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- Pressure sensors

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- Flow & level monitoring

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DARK DATA, DATA SWAMP

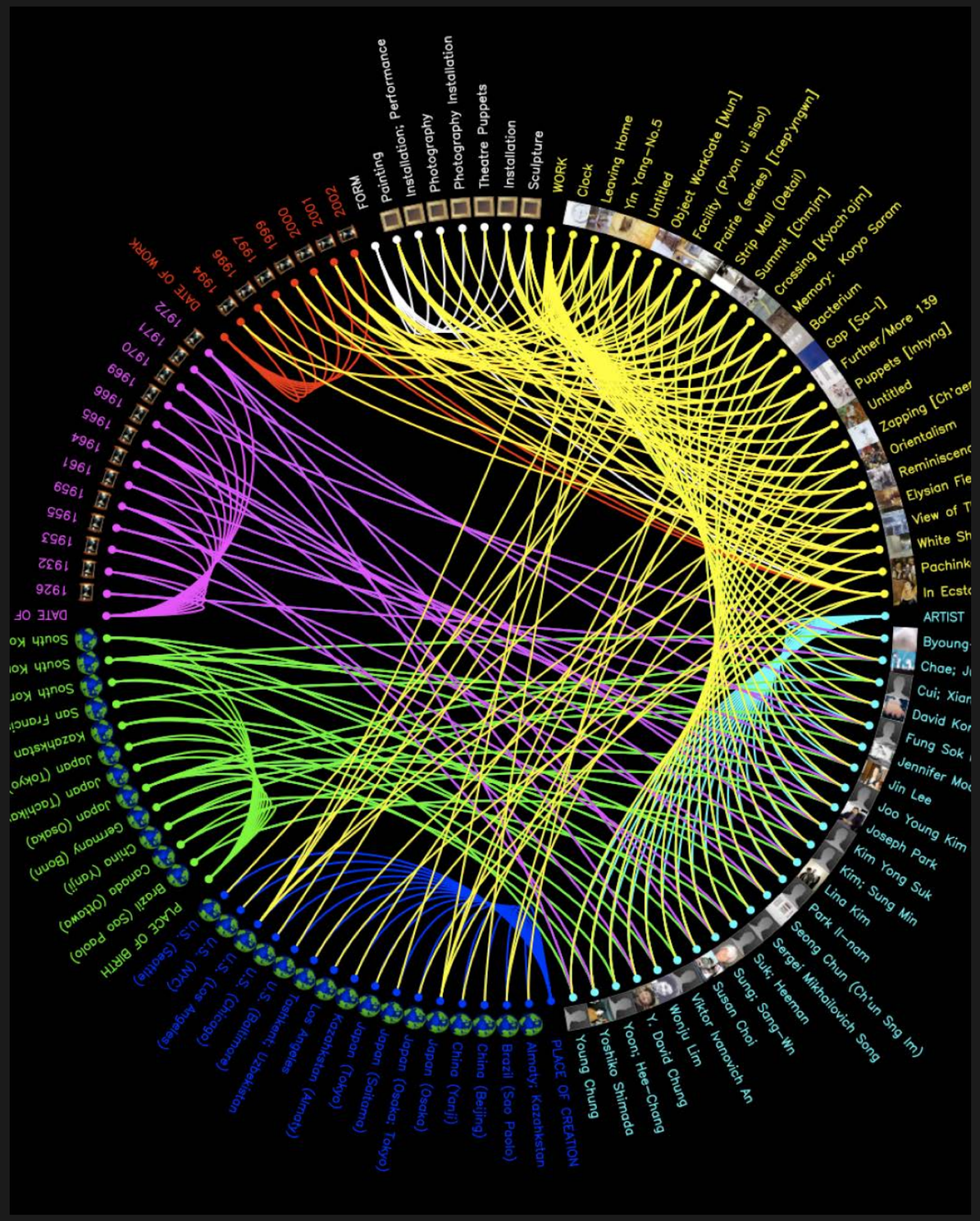
To Cloud or not to cloud?

Data integration and correction

Trusting the data

Learning to collect what we need (location location location)

Machine learning & data science



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