

Skybox + Google  
Imaging

## Global Economic Transparency

Google and The New Frontier of  
Remote Sensing

Patrick Dunagan

# Changing the dynamics of satellite imagery



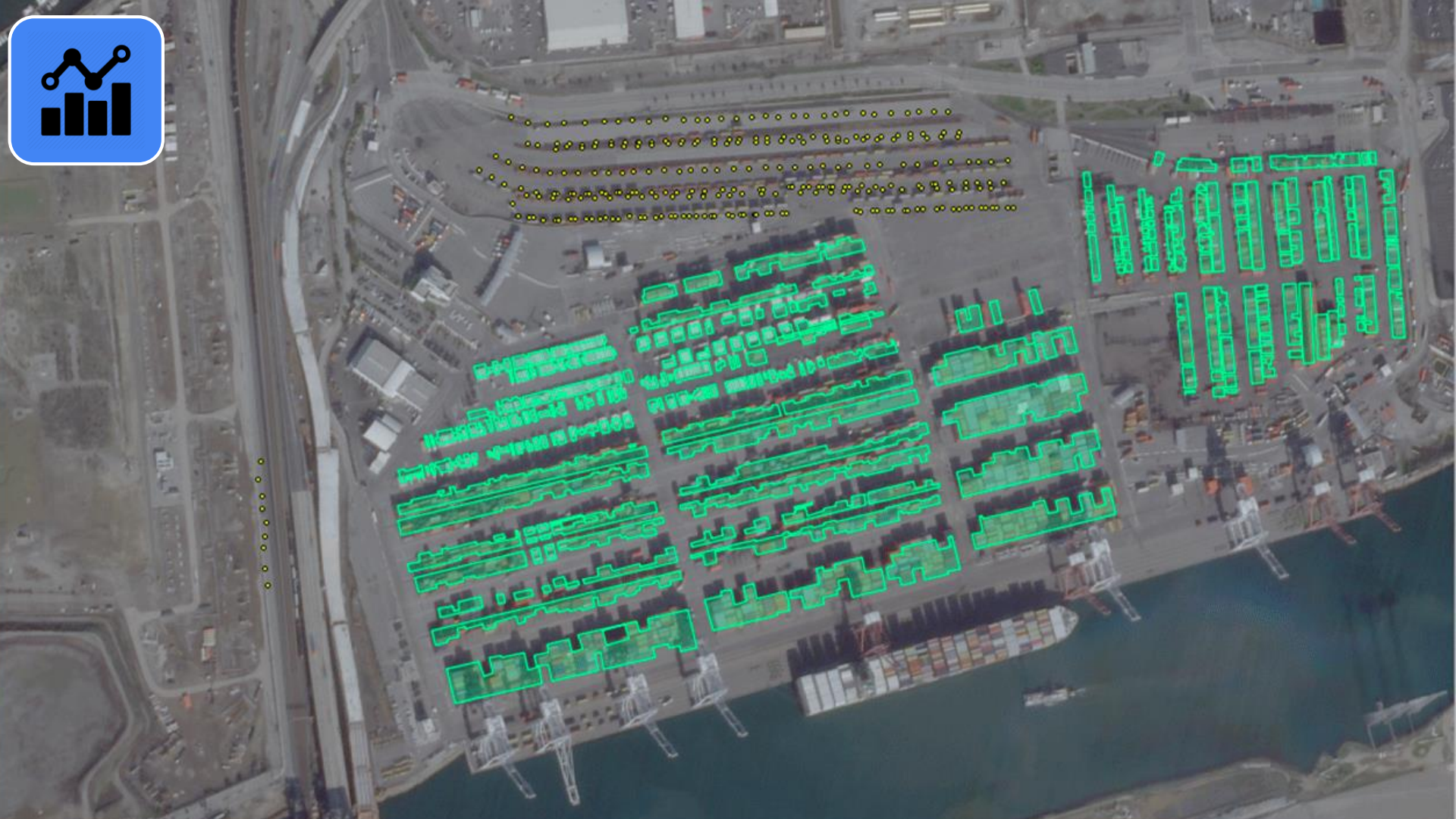
**FREQUENCY**



**ANALYSIS**







# Economic Transparency

Despite the ubiquity of data in everyday life, there remain significant and meaningful gaps in our understanding of how our world works

- **Globalization & Interdependence**
  - Sprawling supply chains
  - Interdependent networks
  - Evolving infrastructure
- **Opaque Markets at Economic Base**
  - Shipping and logistics
  - Energy and mining
  - Distributed agriculture
- **Institutional Voids**
  - Informal economies
  - Crisis & disaster response
  - Emerging market reporting



image source: Globaia

# UNSD Pilot: Commodity Flows

Collections at set cadence, estimating inventory volumes, validating with ground truth, making results accessible.



Oil Tank volume  
**47,632,507 bbl**

Feb  
Sat 7

# Moving Forward

- Still Early Days
- We Think Globally
- Looking at Patterns, Not People
- Committed to Universal Access



Stay Tuned!



Questions and Comments