Downtown.AI
Predicting The Human Landscape

techstars_

ARCADIS | Design & Consultancy for natural and built assets

COVID-19 Support
Tracking people movements in cities

Participant in The Arcadis City of 2030 accelerator, powered by Techstars, Downtown.AI, provides a service to help cities track human movements. In real-time **Human Movement Analytics SaaS** can map and analyze the entire human movement in cities, including all modes of transportation, to help cities see if lockdowns are working effectively.

CHALLENGES

Countries all over the world are now declaring lockdowns to slow down the COVID-19 pandemic. On a city level, it can be hard to determine which neighbourhood and open spaces need more attention to preserve the city lockdowns. This can help City officials and authorities locate the areas where they need to invest more efforts to enforce the lockdown.

SOLUTIONS

Downtown.AI provides **Human Movement Analytics SaaS** that uses machine learning, large locational datasets and real time visualization to map and analyze the entire human movement in cities, including all modes of transportation. We provide an immediate solution to cities and countries around the world.

FEATURES AND BENEFITS

Rapid Deployment: Within a couple of days we can deploy a virtual dashboard that maps the hour by hour human movement in the jurisdiction.

Global reach: Covers about 80 countries

Ease of deployment: No need for integration with local sensors or video cameras

Software easy-to-use: It is provided in Cloud-SaaS and no software installation is needed

PRIVACY

Downtown.AI provides a safe data product to the market. Our Human Movement predictive analytics platform visualizes aggregated and rendered data, not raw location data. Our mapping environment is designed to map, analyze and predict transportation patterns of crowds, not individuals. We do not expose traffic patterns of individuals and do not enable reverse engineering to find such patterns.

Our data is not considered true Personally Identifiable Information (PII) because it does not contain names, addresses, phone numbers, or other such personally identifiable attributes.

The Arcadis City of 2030 Accelerator, Poweredby Techstars is a program that works with startups to develop technologies that will revolutionize how people live, work, and travel in cities both now and in the future. This initiative is one of Arcadis flagship innovation programs designed to identify and develop innovative startups to transform the natural and built environment and improve the quality of life. Downtown.AI is one of the startups in the 2020 cohort.

CONTACTS

- **Yuan Shi**
  Global Solution Lead- New Mobility, Arcadis
  E yuan.shi@arcadis.com

- **Yaron Bazaz**
  Co Founder and CEO
  Downtown.AI
  E contact@downtown.ai
  www.Downtown.AI

The human movement insights are provided on a population level, not on individual level, to protect individuals' privacy and maintain regulations (GDPR, CCPA)