

# Smart Cities Rely on Geospatial Insights, Powered by Google Cloud

CITYDATA.ai was a company built on Google Cloud and now they have become a Cloudbakers client in order to take advantage of the resilience, security, sustainability, and cost saving benefits that come from our Managed Cloud Optimization package.

## The challenge

Necessity is the mother of invention. The CITYDATA.ai platform was built in response to the pandemic so that movement patterns could be provided to public health officials in metro areas. Most cities do not know the answer to the question "how many people" in their downtown area, industrial and commercial zones, parks and open spaces, neighborhoods, blocks, and businesses districts.

## The solution

Using Google Cloud, CITYDATA.ai developed a cloud-based geospatial AI platform, knowledge graph, and visualization application to simulate the presence, density and movement of people. They curate first-party mobility data, combine it with public data and then apply machine learning to infer the number of people in any part of the city. This data is essential for urban planning.

## The results

With Google Cloud, CITYDATA.ai has scaled up from computing citizen impact for 90,000 people in a small city in California all the way to 650 million people in 1,569 cities worldwide and billions of daily data points computed and analyzed. While the data-as-a-service platform is designed and built for cities on a budget, top tier cities are now signing up for the service.

There are 5,000 cities on planet earth with a population over 150,000 people. CITYDATA.ai already computes citizen impact for 1,570 cities using geospatial data. Their mission is to compute daily insights for all 5,000 cities and to help urban centers to make data-driven decisions for the betterment of their citizens.

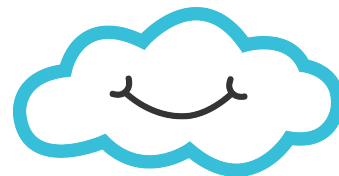


### About CITYDATA.ai

CITYDATA.ai simulates the presence, density, and movement of people to build digital replicas for smarter cities. They answer the question, "how many people?" Their data-as-a-service platform provides geospatial insights for cities on a budget. Headquartered in SF, they have offices in Charleston, Bangkok, Porto Alegre, Buenos Aires, and Singapore.

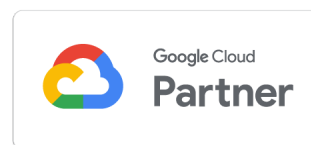
Industry: Other

Primary project location: United States



### About Cloudbakers Holdings LLC

Google Cloud Premier Partner & MSP, Cloudbakers, provides custom solutions and support, enabling companies to easily move to and adopt cloud.



### Products

Google Cloud Platform