Machine Learning for IoT

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Cisco Kinetic for Cities + Teradata Mobile Apps PARTNER APPLICATIONS AND URBAN SERVICES SELF-SERVICE DATA CENTRIC CITY VIEWS Transport Parking Lighting Dotte Citizens Finance Stakeholders. Scientists communities Kinetic for Cities City API Advanced Analytics Data Warehouse / Data Lake Service Management Policy Automation **Data Engine** Device-and Data Connectors Smart Data Management Teradata. Wireless Wired Cellular Internet Digital Network Architecture Secure Device Connectivity Cisco Smart+Connected™ Digital Network Architecture CDP (0) Edge (0) Wired/ Wired/ Wired/ Lora Wireless Cellular Wireless Cellular Wireless Wireless Wireless Wireless

PARTNER SENSORS AND DEVICES

Smart Cities

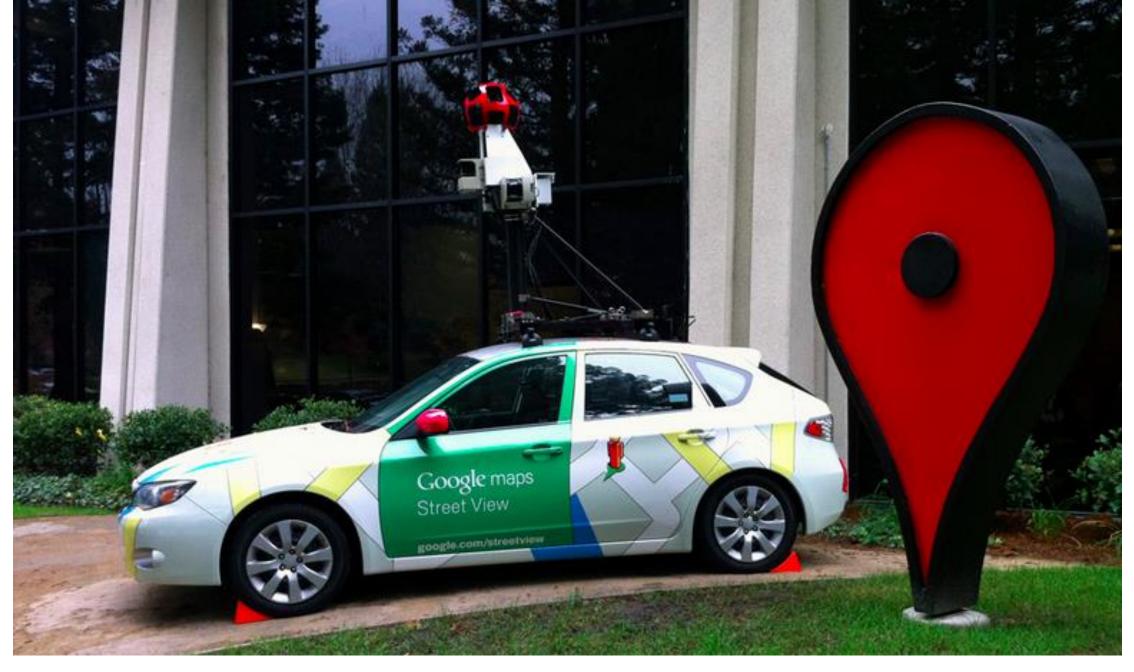


Smart Homes



blog.mi.com/en/2021/01/05/new-survey-finds-70-of-consumers-improved-home-during-covid-19-more-than-half-used-smart-devices/

Environment Monitoring



google.com/earth/outreach/special-projects/air-quality/

Health



newsroom.ucla.edu/releases/ucla-launches-major-mental-health-study-to-discover-insights-about-depression

Business



openbravo.com/blog/retailers-embrace-rfid-to-increase-inventory-visibility-and-improve-checkout-experience

Energy

WITH GREAT POWER COMES GREAT ELECTRICITY BILL.



Image Source: https://twitter.com/stratagememc

ARTIFICIAL INTELLIGENCE

IS NOT NEW

ARTIFICIAL INTELLIGENCE

Any technique which enables computers to mimic human behavior



MACHINE LEARNING

Al techniques that give computers the ability to learn without being explicitly programmed to do so



DEEP LEARNING

A subset of ML which make the computation of multi-layer neural networks feasible



1950's

1960's

1970's

1980's

1990's

2000's

2010s

ORACLE"

Energy Usage Prediction using LSTM

https://github.com/sarithdm/iot