ONE STOP SHOP FOR CONNECTED VEHICLE DATA

Otonomo fuels a data ecosystem of OEMs, fleets and more than 100 service providers. Our platform securely ingests more than 4 billion data points per day from over 22 million global connected vehicles, then reshapes and enriches it, to accelerate time to market for new services that improve the in/around car experience.

Privacy by design and neutrality are at the core of our platform, which enables GDPR, CCPA, and other privacy-regulation-compliant solutions using both personal and aggregate data. Use cases include emergency services, traffic management, mapping, EV management, subscription-based services, parking, predictive maintenance, insurance, media, in-vehicle services, and dozens of smart city solutions.

ONE AGREEMENT
ONE INTEGRATION
ONE DATA DICTIONARY
ONE API

FAST FACTS

26
PATENTS PENDING

4B
CURATED MILES/ ANNUALLY

2.6B+
DAILY DATA POINTS

22M+
CONNECTED VEHICLES

15
OEMS ON THE PLATFORM

Easy Access to Vehicle Data

- Single software only data source
- Diverse data profile from multiple OEMs
- Normalized, enriched data
- Built-in data security and privacy
- No downtime, no installation, no maintenance
- Easily migrate between FMS and other tools

Leverage Vehicle Data

- Traffic patterns
- Accident analysis
- Driver behavior
- Data compliance
- Speed and direction
- Location/routing
- Trips data
- Location intelligence and points of stop
- In-Car data, such as doors, ignition, seatbelts, engine performance
- Weather and hazard data
- Road sign data

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CUSTOMER CHALLENGE

OTONOMO DATA IN ACTION

Data Availability

An international traffic management service provider struggled to obtain rich vehicle data from multiple OEMs.

Otonomo delivers data from multiple providers with one contract and a single API integration, delivering a critical density of data needed for analysis. Data is normalized and harmonized, alleviating the need for multiple data dictionaries.

Data Attributes:
Access to data from over 12 OEMs

Location Intelligence

A global retailer wanted to analyze traffic to understand where to open new retail locations based on travel routes and parking.

Otonomo automotive data shows the origin and destination of traffic, as well as stops and parking data, providing customers with contextualized insights.

Data Attributes:
Ignition data, Longitude, Latitude, Vehicle make, model, and year

Navigation and Routing

A leading mapping service provider found that standard geospatial car data lacks context needed to make complete and actionable insights.

Otonomo's rich data can give context to traffic congestion by providing weather data, road hazard and accident information, as well as, origin and destination of vehicles. Mapping and routing services can identify the source of traffic problems to analyze driver behavior, and use hazardous conditions to preempt accidents and congestion, and reroute traffic accordingly.

Data Attributes:
A large set of diverse attributes

Innovative Research and Analysis

A pioneering analytics company uses traffic patterns and behavior in AI models to analyze risk for insurers and financiers.

Otonomo's rich vehicle data captures multiple attributes from several sources, providing uniquely deep data sets from which to draw conclusions about traffic environments and driver behavior.

Data Attributes:
A large set of diverse attributes

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CUSTOMER CHALLENGE

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EV Charging

A Leading EV charging station company needs charging data, as well as traffic origin and destination data to plan the most efficient locations to install new charging points.

Otonomo's platform can identify electric vehicles on the road and is equipped with state of charge data. This allows our customer to see the aggregate paths and statuses of EVs on the road. Understanding EV driver behavior, as well as origins and destinations helps build models for charging point placement.

Data Attributes:
A large set of diverse attributes

Economic Analysis

A large financial institution needs commercial vehicle traffic data to monitor and model supply chain activity.

Data provided by Otonomo can show traffic density and trip data for commercial vehicles on a large scale.

Data Attributes:
A large set of diverse attributes

Tax Revenue Modeling

A state government needs EV data to calculate fuel tax revenue lost from increased EV usage.

Otonomo-provided data can show the number of EV vehicles on the road, as well as their charge status, and vehicle miles traveled.

Data Attributes:
Longitude, Latitude, Ignition data, State of charge, Heading, Odometer

For more information:
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or

Talk to a Data Expert

otonomo