Data Lake for Automotive

Uncover business insights more quickly by exploring, accessing and coalescing our data, your data and third-party data on a single, cloud-based platform.

Data volumes are growing at an exponential rate and unprecedented low storage costs are allowing firms to collect huge amounts of data in a viable way. The potential for uncovering insight and tracking and predicting automotive sales has never been greater.

Yet, the process of data to insight is fraught with challenges. Custom data types and formats, combined with complex structures, mean that data needs to be interpreted in order to be used effectively. Specialists are required to extract meaningful insight and the so-called ‘time-to-value challenge’ sees firms grappling for months with datasets before any actionable intelligence is extracted.

The IHS Markit Data Lake empowers you to uncover business insights more quickly by exploring, accessing and coalescing our data, your data and third-party data on a single, cloud-based platform. Populated with over 1,000 of our datasets from multiple industries, including financial services, automotive, maritime, energy & natural resources, they have been curated into more than 350 data packages to expedite time-to-value.

Data Lake Overview:

**Discover**
- User-friendly catalogue to search & discover data
- Detailed descriptions, dictionaries and access to SMEs

**Self-serve**
- Publish or consume data without any dependencies
- Bring your compute to the data to access ready-built infrastructure

**Access & enable**
- Robust entitlement controls to manage who has access to your data
- Open API framework supports any data management/analysis tools

**Comingle & organize**
- Multi-tenant architecture to centralize and organize your data, IHS Markit data & third-party data to find insights
- Bring together structured, semi-structured & unstructured data

**Data Lake services**
- Leverage our experts to provide data science and/or engineering as a service
- Onboarding and training services to support rapid deployment

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**KEY STATS**

1,500+ datasets of proprietary content
391 financial services datasets
453 energy datasets
162 transportation datasets
>350 data packages curated by IHS Markit specialists
~1m reports from IHS Markit analysts
5,000 IHS Markit analysts, data scientists & industry specialists
Automotive Use Cases

By transforming the way in which you find and access data, the Data Lake supports advanced analytics and data science at scale. It opens up the opportunity to derive new insights that can drive innovation and new product creation. Companies are accessing a wide variety of our automotive datasets, including our new Registrations dataset, our light vehicle Powertrain Sales Forecast and our Automotive Component Forecasts datasets to find answers to:

- **What’s hot, what’s not?**
  Analyze the growth and decline of segments, brands and models over time and monitor the potential shift from personally owned vehicles to fleets.

- **Will the world go battery electric?**
  Where will autonomy be adopted? Understand which electrification and autonomy technologies will prevail and which will fail.

- **Who will thrive and who will struggle?**
  Combine price, volume, supply chain and technology data to determine which suppliers win and which lose in the fast-changing automotive industry.

IHS Markit Data Lake

Explore, access and coalesce proprietary, IHS Markit and third-party data on a single platform

Get to market quickly using a robust, cloud-native technology solution that has been pre-populated with rich content

Find answers to your questions with support from IHS Markit’s analysts, data scientists and industry specialists

More information on IHS Markit products and services

**AMERICAS**
+1 800 447 2273

customercare@ihsmarkit.com

**EMEA**
+44 1344 328 300

**APAC**
+604 291 3600