Analytics for manufacturing

Accelerate improvements to production, cost and sustainability.

Manufacturing faces new challenges around the supply chain, digital transformation and sustainability. Getting ahead requires adapting to emerging AI technologies that help you simplify processes, anticipate future outcomes and deliver financially impactful results quickly. Surpass production goals, increase quality, enhance customer satisfaction and reduce energy costs with SAS®.

How does SAS help?

Accelerates time to value, data to decisions and customer service-level improvements.

Benefits

- Improve quality, asset uptime and safety.
- Reduce complexity and accelerate innovation with data governance.
- Generate precise forecasts, reduce costs and grow revenue.
- Experience a faster time to optimal results.
- Shift from a reactive to a proactive operational approach.
- Detect anomalies in time to identify potential quality issues.
- Consolidate disparate data sources for complete production insights.
- Build confidence with data/AI-driven reliable recommendations.

Use cases

Lockheed Martin saved **1,400 hours** of aircraft downtime in three months by reducing data cleanup times by **95%** and moving from reactive to proactive maintenance with a real-time best practice.
sas.com/lockheed

Murata Manufacturing increased yield without changing longstanding manufacturing processes; if the company improves production yield by 1% with analytics, it means savings of **$50 million** in a year.
sas.com/murata

Georgia-Pacific saw a **30%** reduction in downtime and a **10%** improvement in overall efficiency, finding the optimal balance of speed and quality to maximize profitability.
sas.com/gp

Iveco chose SAS® Viya® to help it process connected vehicle data, **improve vehicle design, enable predictive maintenance and reduce vehicle maintenance costs** for customers using remote diagnostic tools.
sas.com/iveco

American Honda Motor Co. Inc. lowered warranty costs with **3x faster** analysis that found **double** the noncompliant claims, reduced costs for **52%** of labor codes and achieved parts forecasting within **1%**.
sas.com/honda

USG Corporation improved the quality, efficiency, safety and cost of products by streamlining manufacturing, analyzing local plant costs and predicting product quality – **reducing downtime and energy consumption**.
sas.com/usg

SSAB predicted accidents before they occurred, **reduced failures** in a production stream, and **improved production efficiency, product quality and maintenance** strategies using sensor data, AI and advanced analytics.
sas.com/ssab

Learn more at **sas.com/manufacturing**.

Learn more about the world's analytics leader at **sas.com/about**.

§sas

SAS is the world's leader in data and AI.

But what does that mean?

It means we can rapidly turn huge amounts of complex data into insights you can use.

With SAS, you can apply the most advanced analytics, business intelligence, data management and AI solutions to your toughest business problems. And for five decades, our customers have trusted us to do just that.

We're recognized for our industry-leading technology, social innovation and sustainability initiatives, and pioneering workplace culture.

More about SAS

Five decades of innovation and profitability

Over 750 patents related to data and AI

Ranked No. 1 for Advanced and Predictive Analytics Market Share by IDC for the last 28 years[*]

A recognized leader in more than 25 vendor ranking reports in 2022

90 of the top 100 of the 2021 Fortune 500 list or their affiliates are SAS customers

2022 Microsoft Independent Software Vendor Partner of the Year

Recognized around the world for inclusive, meaningful culture and innovative technologies by organizations including Fast Company, Forbes, Human Rights Campaign, Disability:IN and more

The SAS® Viya® advantage

We empower customers to get more done with a faster, more productive data and AI platform. SAS Viya gives you the analytics you need, delivered on your terms, so you can innovate faster, collaborate regardless of skill set or API, and get results you can trust.

Use your own cloud, the SAS Cloud for hosted services, or one of the world's most broadly adopted cloud platforms.

More about SAS Viya

The cloud-native architecture of Viya is deployable in AWS, GCP, Azure and Red Hat OpenShift.

It supports:

- Your open source data scientist community.
- The most popular data frameworks.
- APIs that ensure open application access.
- Scalability for any analytical workload.

* IDC market share reports for the Advanced and Predictive Analytics Software markets from 1995-2022.