

Create predictive models in seconds for faster and more accurate forecasting & anomaly detection

- Drive business value from predictive analytics.
- Make informed decisions and improve processes.
- Faster, automated, more accurate and explainable models.

TIM InstantML tackles today's forecasting challenges

- Poor forecasting leads to high losses and missed opportunities.
- Predicting demand, supply and maintenance becomes increasingly complex.
- Traditional forecasting approaches are unable to meet demanding needs.

→ Meet TIM InstantML

- Cloud (SaaS) based Predictive Analytics service for time series data.
- Enabling anyone - not just data scientist - to create value from business data.
- ML forecasting applied to predictive and prescriptive analytics.

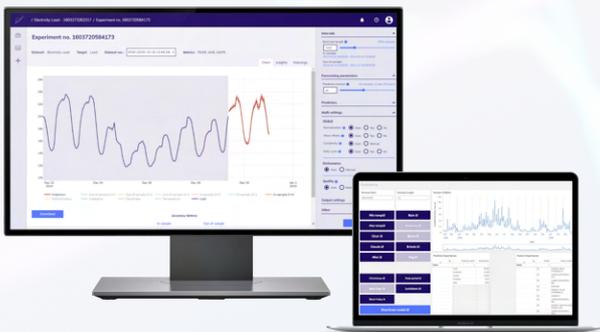
Why customers use TIM by Tangent Works

- Enabling companies to get real and immediate business value out of their data.
- Trusted by large multinationals in different industries.
- Immediate analysis delivers results in real-time.
- Proven quality standards through client benchmarking.
- Winners of global forecasting competitions, such as GEFCom2017.
- Easy to integrate in your IT architecture.

Increase agility of your forecasting team by 10x.

Reduce costs by 40%.

Up and running in 5 days.



"The combination of our product portfolio with TIM results in an agile system that allows for in-depth forecasting on any level of the shipping and trading process."

Tom Dufrain, CEO, Eggsis

"The predictions were easily five to ten percent more accurate than what our own system realized."

Christophe Boden, Director, Enterprise Rent-A-Car

Key Benefits

- Rapid deployment allows for fast operational benefits - no cost of missed opportunity.
- Business value - less need for expensive resources and helps to leverage insights hidden in data.
- Automated feature engineering and forecasting avoiding manual work of a domain expert.
- Accuracy that rivals hand-crafted models.
- Scalable to accounts for large scale forecasting - future proof solution.
- Easily explainable to business leaders through human-readable formats and visualizations.
- Easy integration with your existing applications, such as your current databases, BI tools and other enterprise applications.

Which Industries can benefit from Predictive Analytics?

Time series data is everywhere. Think about demand, sales, price, capacity, maintenance, production, payment forecasting and anomaly detection. This makes Predictive Analytics valuable for many industries:



Banking & Security



Education



Government



Healthcare



Manufacturing & Natural Resources



Pharmaceuticals & Life Sciences



Retail



Services



Transportation



Utilities



Get inspired by our use case library, showcasing valuable applications in multiple industries:
www.tangent.works/use-case-library

Powerful InstantML Technology, easy to deploy

Machine Learning Maturity

Thanks to TIM's thorough automation of the model building process, no data scientists are required to get great results.

Rebuilding and retraining models becomes easy and users can even leave model storage completely out of the picture with TIM's RTInstantML technology. All of these features are brought together into a scalable architecture.

The secret sauce: InstantML technology

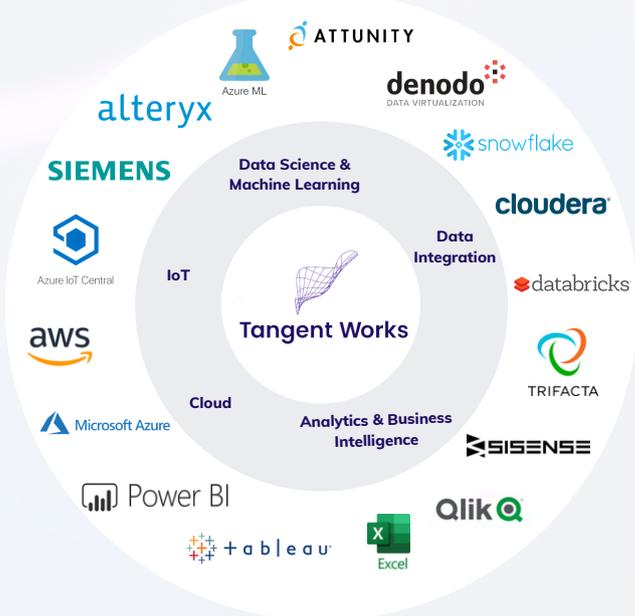
The unique InstantML technology for time series data brings together feature engineering, model building and model deployment. This allows users to obtain high quality results with minimal required effort.

Deployment & interfaces

TIM can be deployed in various ways to meet your requirements. You can deploy TIM in the cloud or on-premises or even in the edge on IoT devices.

After deployment, TIM can be used through various interfaces:

- TIM's API: you get full control over TIM's modelling parameters.
- TIM Studio: designed to serve as a ML development and operations platform for time series modelling.
- TIM on Platforms: implement TIM directly in your favorite tool or platform.



TIM answers challenges of each business role involved

Different business roles have different needs and priorities. TIM helps each business role in a typical way:



Executives

Provides you with timely, accurate forecasts that help avoid the costs associated with system imbalances, reduce system downtime and optimize maintenance cycles.



Business Analyst

Automates the model generation process so you can create and update predictive models without being an AI expert.



Data Scientist

Improves your productivity by eliminating repetitive modeling tasks and clarifying the rationale behind predictions with understandable AI.



IT Professionals

Compute-efficient, secure and flexible deployment in Azure or AWS Cloud, on-premise or on the edge. Easy to integrate in with your existing databases, BI tools and enterprise applications.

Is there predictive value in your data?
Try it yourself! Discover the TIM starter packs →



36x less start-up risks/costs
compared to AutoML

2 to 10x cheaper
than AutoML

15 to 55% more accurate
than AutoML

100 to 250x faster
than your typical AutoML solution

About Tangent Works

Tangent Works was founded in 2014 by a team of data scientists and mathematicians who believed in the power of predictive modeling for optimizing operations and reducing costs, but found that the existing methods were far too complex for broad adoption. That's why they developed the Tangent Information Modeler TIM.

TIM's mission is to de-mystify predictive modeling and anomaly detection and make them accessible and productive for a broad range of users and use cases.

TIM has since been recognised as a winner in multiple competitions, including the Global Energy Forecasting Competition, GEFCom 2017 and the 2017 ANDRITZ Hackathon, which was focused on optimisation and predictive maintenance for IoT applications.

Gartner

COOL
VENDOR
2021

Gartner, the world's leading business research and advisory company, has named Tangent Works to its prestigious "Cool Vendor" list for 2021, under the "Analytics and Data Science" category.

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