TEMPESTLABS AI

Accurate and specific weather forecasting using a combination of classical meteorology, satellite data and AI

TempestLabs AI provides accurate, localized weather forecasts tailored to specific applications. We combine traditional meteorology, satellite data and artificial intelligence to offer more accurate and detailed weather forecasts, including less common variables. By processing satellite data, we can also forecast where ground infrastructure is lacking. We deliver weather updates even in areas beyond the reach of the normal network of weather stations and precipitation radars.

Unique Selling Points:

- More accurate and highly localised weather forecasts by combining artificial intelligence, numerical forecasting, local and satellite measurements.
- Monitoring of the current state of the weather outside the area covered by weather stations.
- The wide range of input data allows to predict even less common meteorological variables.
- Predictions tailored to specific applications and customer needs.

S1/2025 B2B B2G

www.tempestlabs.ai

Product

Weather forecasting and monitoring platform

Technology readiness

Development

Proof of concept

▶ Prototype

First implementation

Extensive implementation