



**Transform  
Your Data  
Into Solutions**

**More than 15 years of experience in advanced analytics solutions for operations and maintenance in industry**

## Software



**DATAMAESTRO software\*** is based on cutting-edge machine learning technology adapted to real industrial challenges.

\* Software as a Service (SaaS)

## Services



**OPTIMAESTRO methodology** combines Advanced Analytics and plant staff participation to optimize manufacturing performance.

**Increase profitability by optimizing:**



ENERGY EFFICIENCY



PREDICTIVE MAINTENANCE



OVERALL EQUIPMENT  
EFFICIENCY (OEE)



PRODUCTIVITY



QUALITY



YIELD

# Advanced Analytics: A digital journey



\*Software as a Service



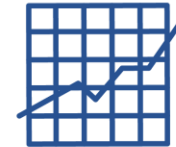


## STEP 01

### DIGITAL DATA DIAGNOSTIC

Diagnose technical and economic feasibility of Analytics projects

Where is the data ?  
What are the data flows ?  
How is it organized ?  
Can we stream data to the cloud ?  
What are the savings opportunities ?  
How big are these opportunities ?  
How to leverage opportunities with analytics ?



## STEP 02

### PILOT PROJECT

Implement optimization projects via  
Advanced Analytics and staff  
participation

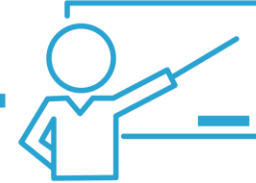
#### OPTIMAESTRO : 6 PHASES



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1. What are the **Key Performance Indicators** (KPIs) for driving my industrial process?
2. What are my **potential savings** after implementing full pilot project? → “GO / NO GO”
3. How do you combine AA with plant staff and involve operational level?
4. What parameters are key to maintaining **optimal performance**? → “GO / NO GO”
5. What **tools, dashboards** or **reports** are required to support operators in maintaining optimal performance?
6. How can I ensure **long-term** follow-up and **sustainable results**?



### STEP 03

#### KNOWLEDGE TRANSFER

Implement your own optimization projects with self-service Analytics

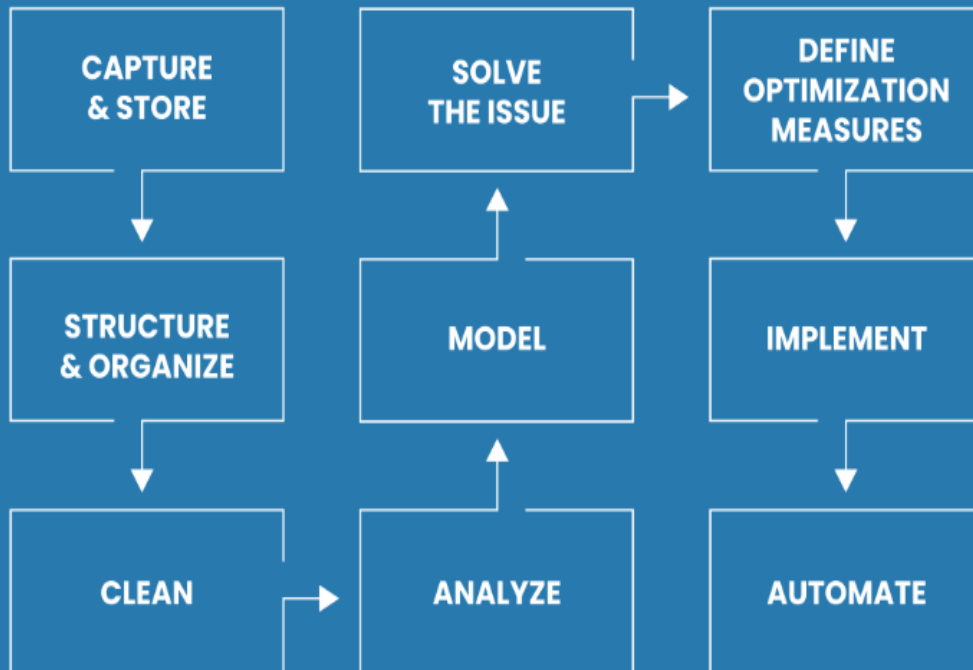
#### CLIENT WITH ANALYTICS CAPABILITY

The pilot enables client training in advanced analytics capabilities.

The client can implement analytics projects using DATAMAESTRO technology.

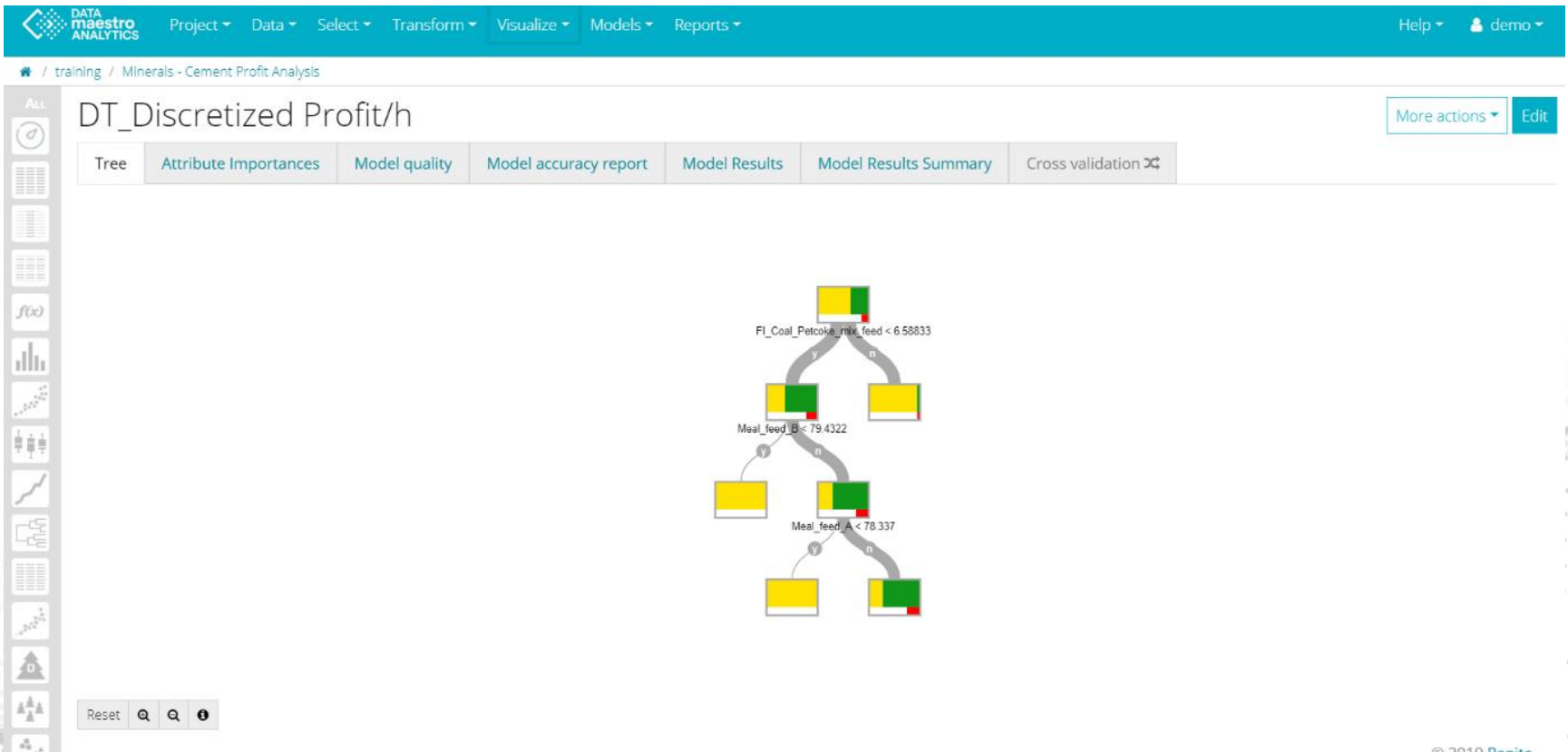


## CREATE VALUE FROM DATA

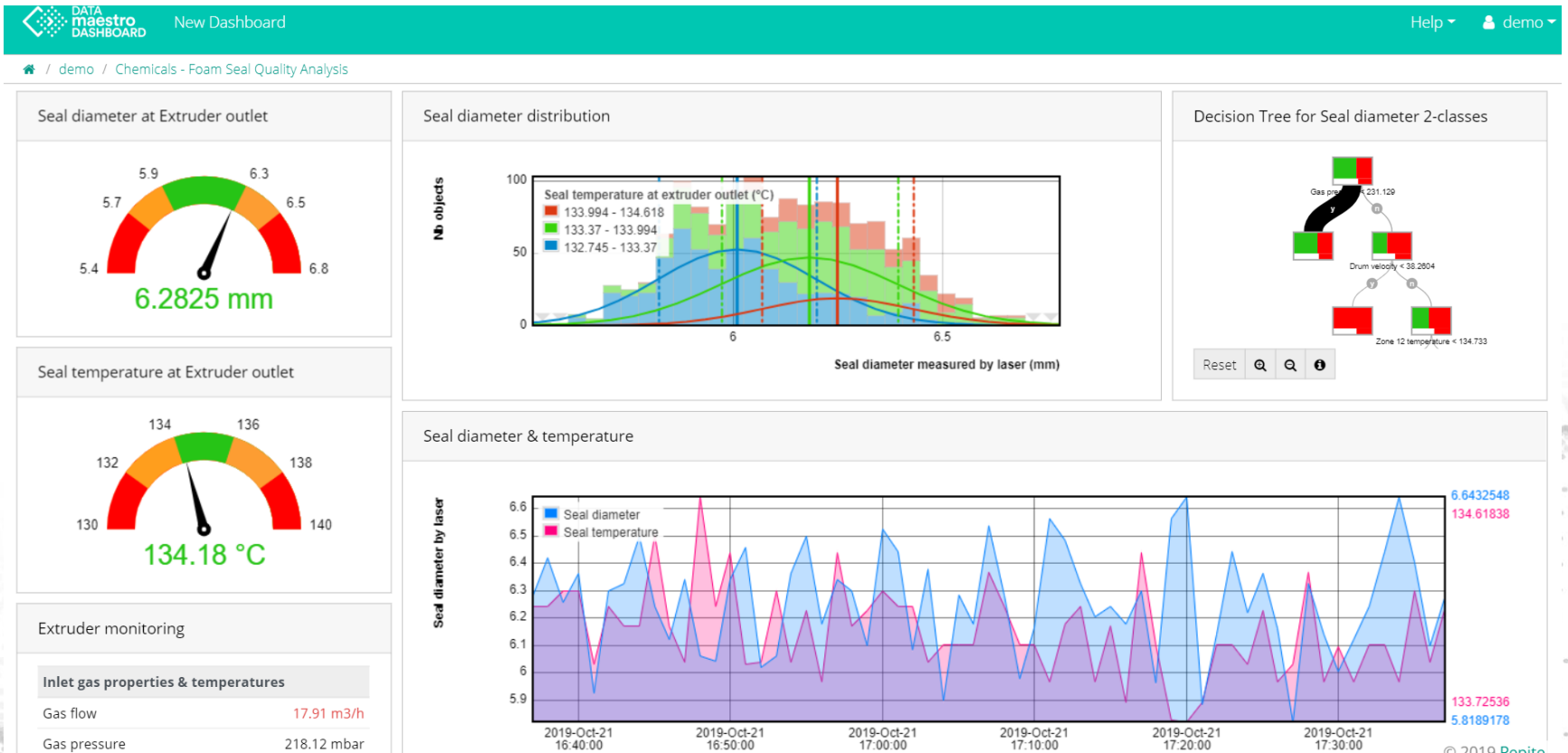


## BENEFITS

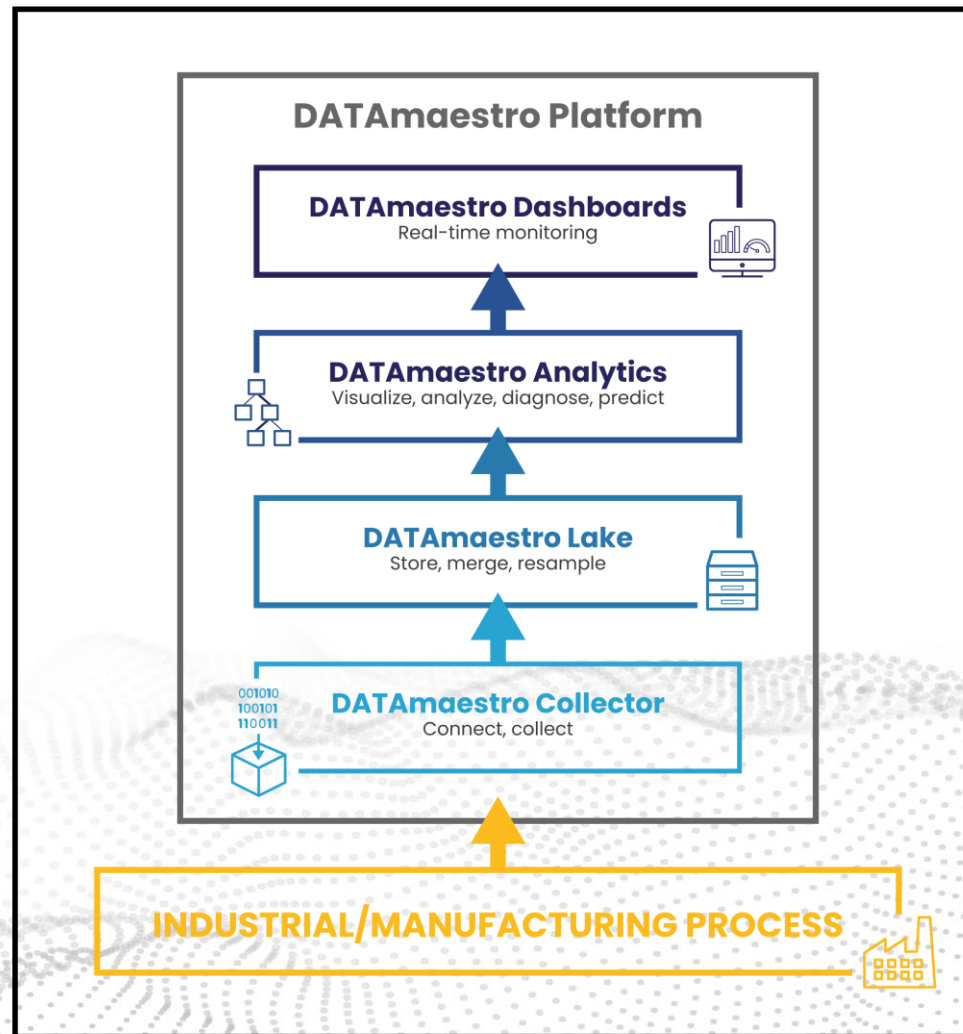
- **Easy-to-use** collaborative web-based analytics platform
- Enables **self-service** cloud analytics, no coding required
- Extensive set of machine learning **algorithms fitting industry**
- Interfaces collecting **existing data** (Historians, PLC, DCS, SCADA, IoT)
- Data streaming **automatically updates** analytics workflow
- **Feature engineering** with thermophysical properties library
- Web API allows **easy integration** with other applications
- **Instantaneous deployments** of models in web based dashboards
- Available on **cloud or on-premise**



# DATamaestro in practice



# DATamaestro platform setup



CLOUD / ON-PREMISE

# Technology maturity

15 YEARS OF EXPERIENCE IN INDUSTRY WORLDWIDE

- > 50 industrial clients
- > 100 projects in factories
- Continuous technology development and update
- Benchmarking new algorithms with universities







**Advanced Analytics** solutions based on Artificial Intelligence to **optimize industrial process**.

Productivity, OEE, product quality, yield, energy efficiency, predictive maintenance.



**DATAmaestro**: platform and software able to collect, store, analyze and report.



**OPTimaestro** methodology guides you through the project and the change implied by Advanced Analytics.



**Contact Us**

**For more information:**

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