

# DEMYSTIFYING ADVANCED ANALYTICS IN MANUFACTURING

**INTERACTIVE TRAINING** — Improve your employees' understanding of advanced analytics, brainstorm about its potential in your organization and create a competitive edge



# LEARN HOW TO MAKE ADVANCED ANALYTICS WORK FOR YOU

Artificial intelligence (AI), machine learning (ML), and internet of things (IoT) have been popular buzz words. But what actual value can they bring to your organization? Maybe you have experimented with advanced analytics (AA), but your analytics model never made it out of the lab? The key is to define the right methodology, underpinned by data-savvy people and customizable technology.

## ANALYTICS POTENTIAL ASSESSMENT TRAINING

### Build digital capabilities and empower people

Investing in training to create a digital mindset and improving data literacy in your organization is key, so that everyone is able to work with analytics on a daily basis.

#### During our training sessions, your team will:

- ✓ Learn **what AA** is and what it can **actually mean** for your organization.
- ✓ Get inspired by **manufacturing project examples**.
- ✓ Detect the **potential use cases** in your company.
- ✓ **Set up a roadmap**, starting with a pilot that scores high on business value and is easy to implement to inspire the organization.
- ✓ Get an introduction to our **methodology** to go from vision to value in fifteen weeks.

### Get a taste of our proven methodology



Analytics and knowing how to use data in a smart way, should be one of the core capabilities of every company to gain competitive advantage and be successful in the future.

ADRIAAN VAN HORENBEEK, EXPERT DIGITAL MANUFACTURING SAS

# EXPERIENTIAL IMMERSIVE LEARNING



Our SAS manufacturing experts help you better understand artificial intelligence and advanced analytics. During two half-day sessions we get you started on how to assess the potential of AI and AA for your organization.

## WEEK 1 | SESSION 1 (HALF DAY)

### Introduction to advanced analytics

- Techniques and domains: quality, yield, supply chain and reliability
- Project success criteria and canvas to describe use cases
- Project methodology to drive sustainable impact from AA
- **Inspire:** Overview of successful manufacturing business cases.
- **Assignment:** Describe a potential use case by using the machine learning canvas.

## WEEK 2 | SESSION 2 (1.5 HOUR)

### In-house assignment

- Each group chooses one use case in their department and completes the machine learning canvas during an internal meeting.
- All groups share their canvasses with our experts before session 2 starts and will receive initial feedback.

## WEEK 3 | SESSION 3 (HALF DAY)

### Exploration of use cases

- Each group presents their use case during a 30-minute interview.
- Scoring and prioritization of the use cases based on impact and feasibility to create a list of use cases with potential business value.
- Development of your own customized AA roadmap



<b>Customized</b>	We customize each training based on the needs and challenges of the clients.
<b>Duration</b>	2 half-day training sessions and preparation time for the in-house assessment
<b>Audience</b>	Engineers, plant managers, data scientists and cross-functional teams

## WHY SAS?

- With over four decades of expertise, SAS is the leader in advanced analytics and artificial intelligence.
- Over 2,800 manufacturing customers worldwide rely on SAS for industrializing and scaling advanced analytics.
- SAS delivers an open analytics platform, accessible from the interface or coding language of your choice.
- We work in close partnership with cloud provider Microsoft Azure. However, all our solutions are cloud agnostic, allowing you to move from one cloud to another without much impact to your IT systems and business processes.
- Our local experts combine their experience in both advanced analytics and manufacturing to guide you through your analytics journey.

## OUR MANUFACTURING EXPERTS



**ADRIAAN VAN HORENBEEK**  
Expert Digital  
Manufacturing



**JOLINE JAMMAERS**  
Data scientist Digital  
Manufacturing



**KAAT TASTENHOEYE**  
Data scientist Digital  
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**MELISSA TORGBI**  
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**JENNIFER MAJOR**  
Head of IoT



**JOÃO MARTINS**  
IoT Expert - Manufacturing



**BORJA LUENGO**  
Innovation Lab and Customer  
Intelligence Manager, SAS



**MARTIN SCHÜTZ**  
Principal Analytics  
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**MANFRED KÜGEL**  
Data Scientist and Advisor  
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