

REDEFINING PARTICLE FOAM APPLICATIONS WITH DIGITAL INNOVATION



THE PARTICLE FOAM INDUSTRY STANDS ON THE **EDGE OF DISRUPTION!**



IF WE DON'T EVOLVE,

SOMEONE ELSE WILL.

FUTURE OUTLOOK

Increased amount of particle foam products per vehicle

Demand for hybrid & precision applications in different sectors

Sustainable materials & processes


Demand for traceability

New supply chain ecosystems requiring data exchange and transparency

PREDICT



MANUFACTURING EVOLUTION IS DRIVEN BY AI AND MACHINE LEARNING AND IT WILL RESHAPE THE FUTURE OF THE PARTICLE FOAM INDUSTRY.



PARTICLE FOAM IS TRADITIONAL MANUFACTURING

➤ IT IS TIME TO **TAKE ACTION**



ACTION

NOT BUZZWORDS



EFFICIENCY



PRODUCTIVITY



SUSTAINABILITY

HOW?



PEOPLE



PROCESSES



TECHNOLOGY

**DRIVE MANUFACTURING
INNOVATION**

**IMPROVE
MANUFACTURING
TECHNIQUES**

**CREATE MORE
INNOVATIVE
PRODUCTS**

PEOPLE EMPOWERED BY TECHNOLOGY

 Our people bring


EXPERIENCE

KNOWLEDGE

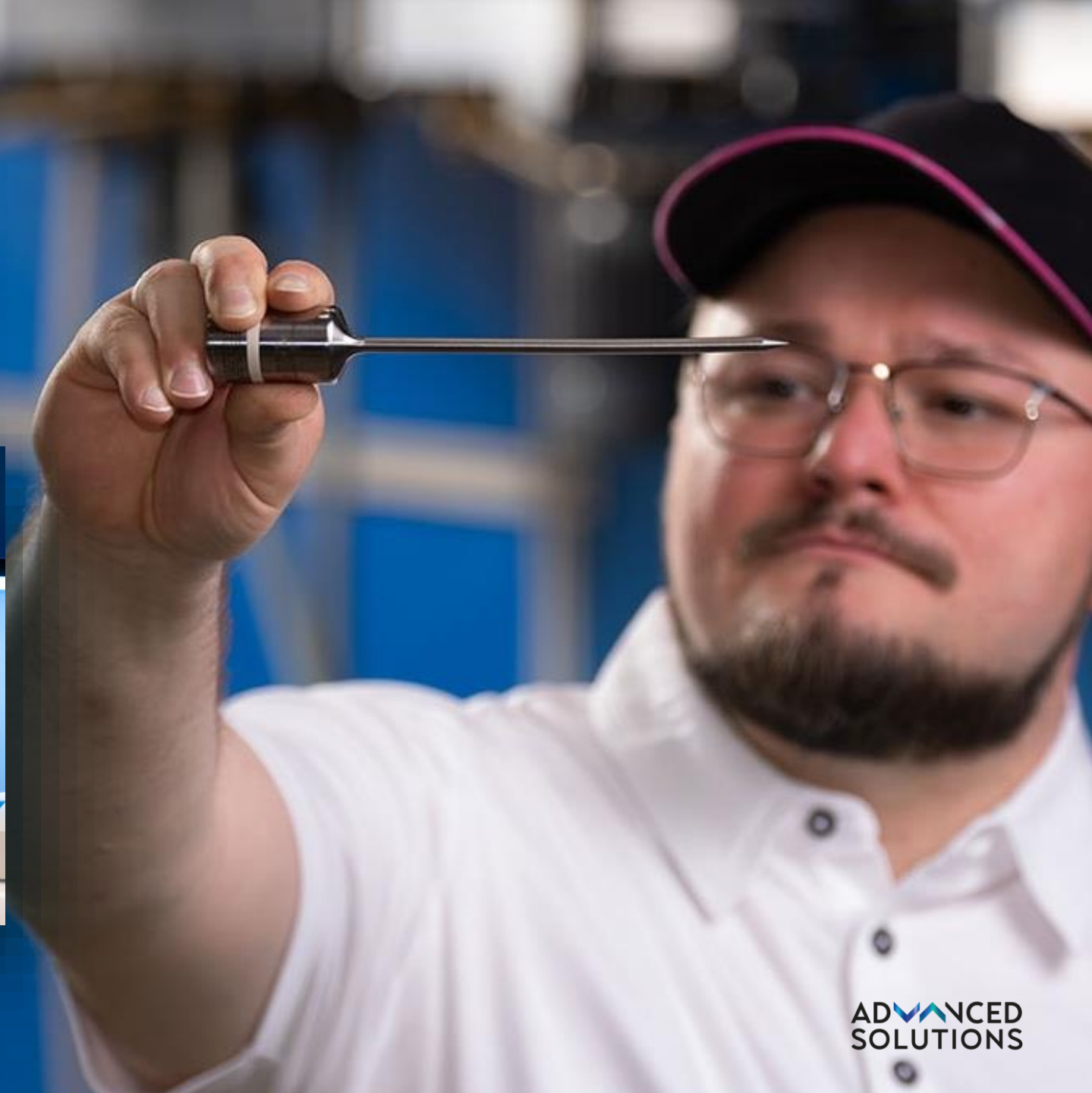
CREATIVITY

INVENTIVENESS

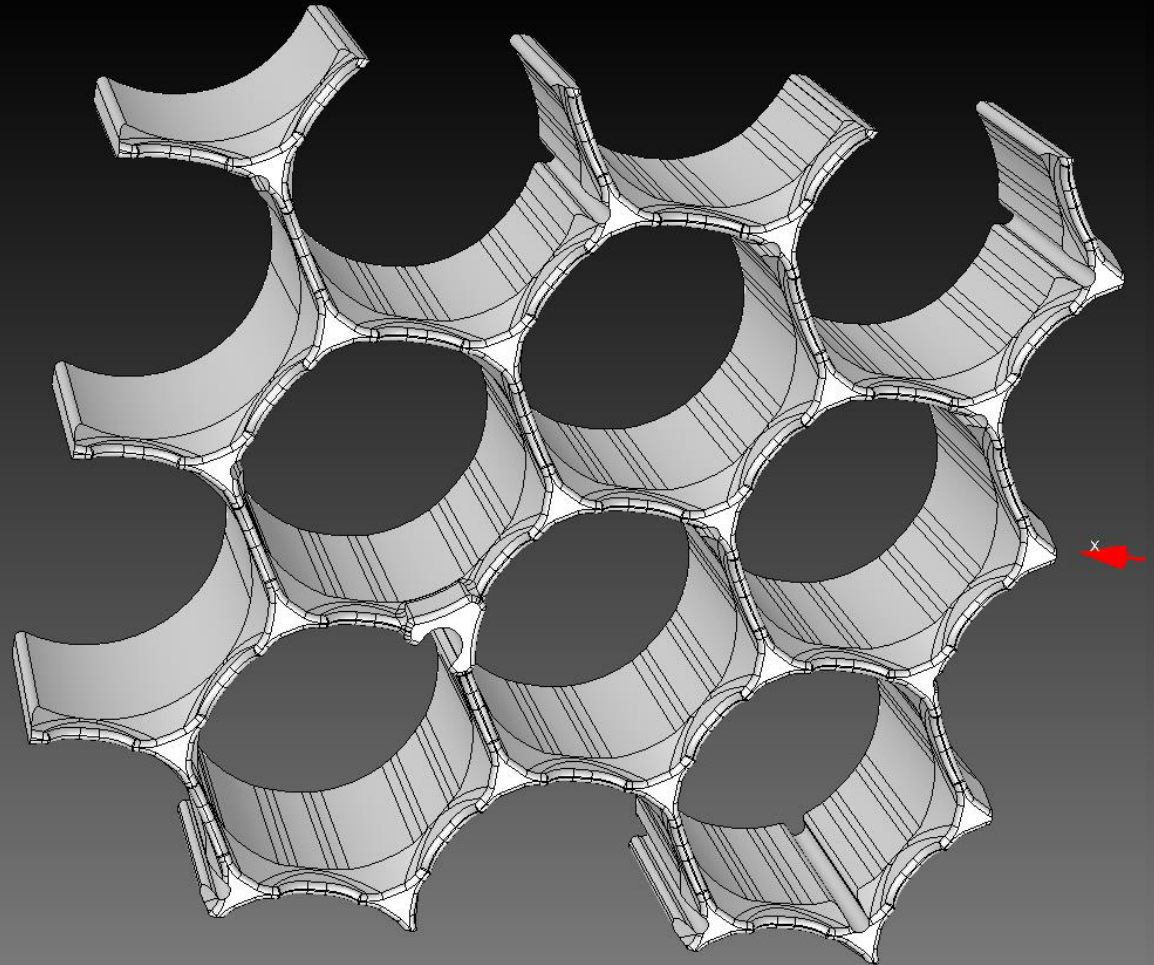
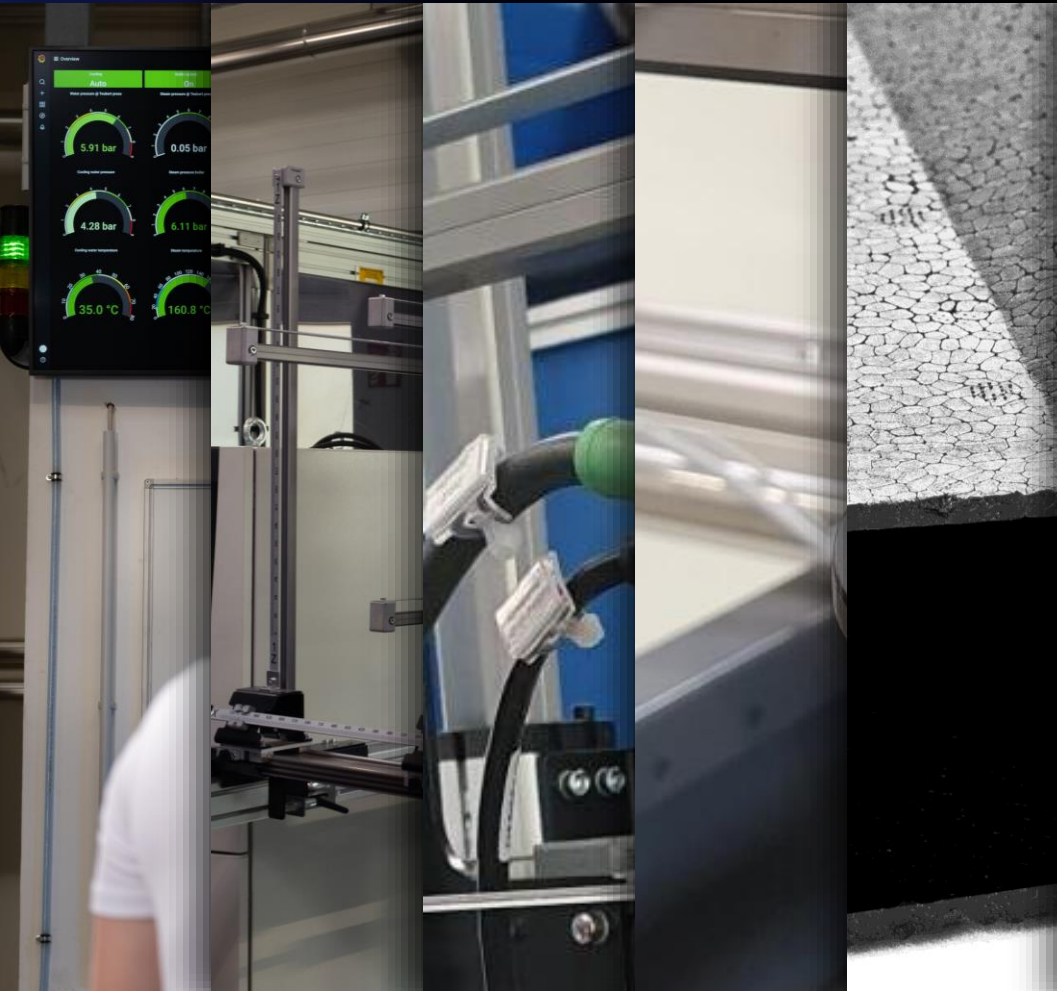


 Digital tools enhance results and facilitate learning

RADICAL PRECISION



QUALITY





DESCRIPTIVE ANALYTICS



What
happened?



DIAGNOSTIC ANALYTICS



Why did
it happen?



PREDICTIVE ANALYTICS



What could
happen?

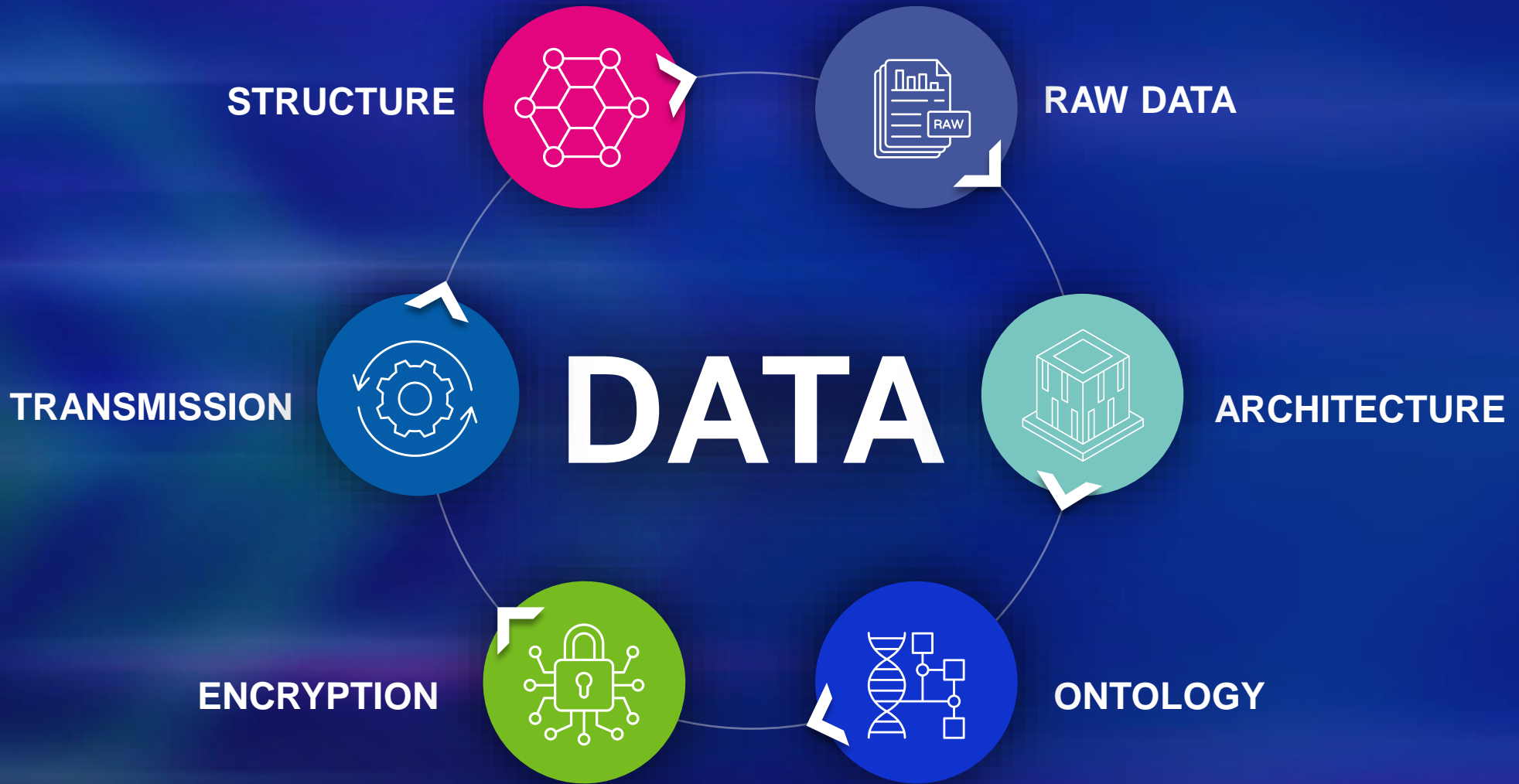


PRESCRIPTIVE ANALYTICS



What should
be done?

PRIORITISE DATA ARCHITECTURE





DESCRIPTIVE ANALYTICS



What
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DIAGNOSTIC ANALYTICS



Why did
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PREDICTIVE ANALYTICS



What could
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PRESCRIPTIVE ANALYTICS



What should
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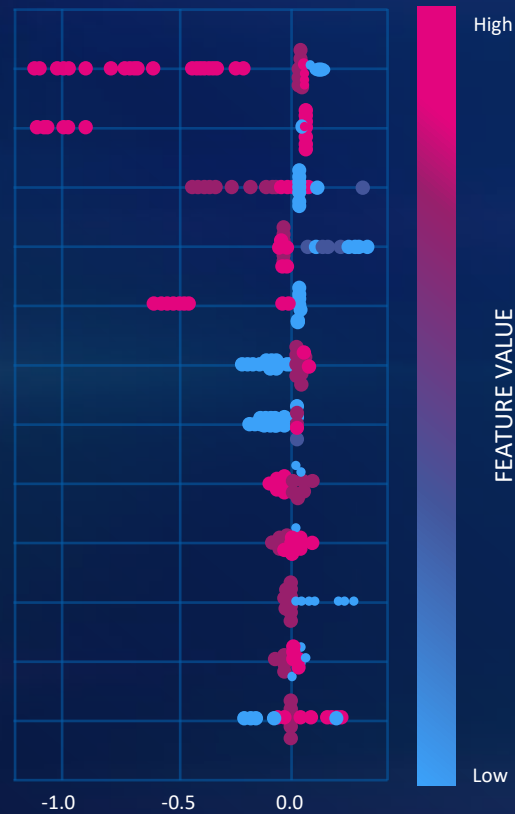
MACHINE LEARNING OFFERS BETTER RESULTS

ADVANCED ANALYTICS

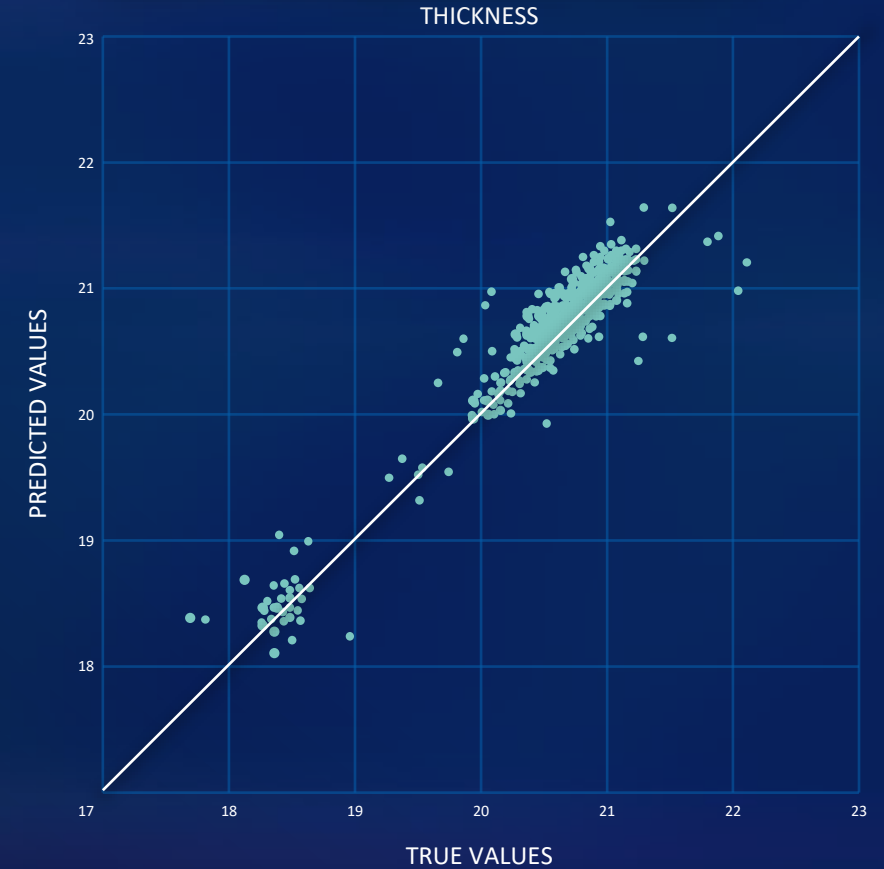


How many
factors
influence
production
outcomes?

FACTOR ANALYSIS



IMPACT ON DIMENSIONAL STABILITY





DESCRIPTIVE ANALYTICS



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PREDICTIVE ANALYTICS



What could
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PRESCRIPTIVE ANALYTICS



What should
be done?

IS MANUFACTURING READY FOR AI?

INDUSTRIAL AI AGENT

DATA ARCHITECTURE



LARGE LANGUAGE
MODEL

RECOMMENDATIONS

OPTIMISE
PROCESSES

ENHANCE SETTINGS

QUANTIFY
BENEFITS

AUTOMATE ACTIONS

PREDICT
QUALITY ISSUES

PREDICT
FAILURE



DISCOVER MORE AT **BOOTH 520**

JSP

Information Classification: General

**ADVANCED
SOLUTIONS**

AI IS AWESOME



BUT, WHERE IS YOUR DATA?

IT'S TIME FOR THE

PARTICLE FOAM COMMUNITY TO TAKE ACTION AND IMPROVE

ADVANCED
SOLUTIONS