

JADS

Jheronimus
Academy
of Data Science

Program Data Science for Smart Industry

Make the
transition
to
Smart
Industry
a reality

Starts
June 2019

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JADS certificate program Data Science for Smart Industry



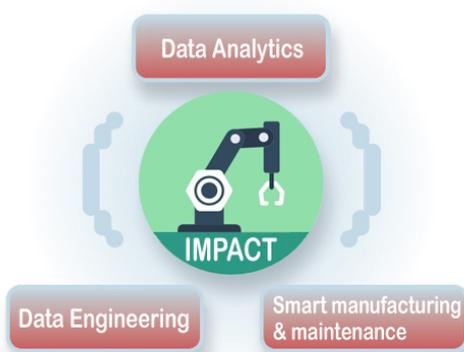
Data Science for Smart Industry

Help make the transition to Smart Industry a reality as a data science professional!

Data collection on an ever-increasing scale and granularity are totally changing the competitive game in manufacturing, thereby posing challenges for companies to catch up, and creating opportunities for those who understand and know how to use the new possibilities.

The JADS Data Science for Smart Industry program aims at educating data-science professionals for industry. Participants learn to combine understanding of the dynamics of production systems with understanding of business value and modern possibilities created by data analytics and IT. Participants will discover an ocean of new opportunities to produce new kinds of products and with new kinds of production systems that are more reliable, flexible and efficient.

Data Science for Smart Industry



Program structure

The program comprises 17 Fridays, divided into five modules. The first module, starting in June, gives a bird's-eye view of data science in industry. After the summer, deep dives into data analytics, data engineering and intrapreneurship, help participants prepare for a graduation project in their own companies. Class days are a combination of lectures by professors and hands-on sessions and practical cases.

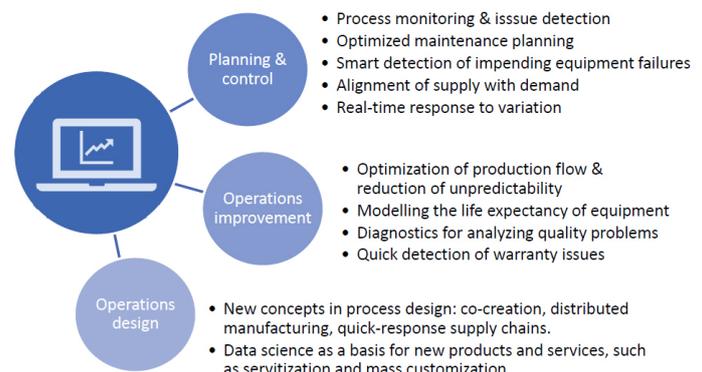
What will you learn?

Leading the transformation of a large manufacturing organization towards smart industry is a challenging journey: Where to start? How to design and manage the transformation process? How to bind executives in a shared vision, and translate it to a strategy that can be executed? How to get it done?

The deep dives show how data engineering, data analytics and smart manufacturing & maintenance can be used to create impact in industry. The overarching goal is to build smart production systems, that deliver the right product at the right time to the right customer against the right cost, while responding intelligently to their environment.

To increase the impact of the program on the organization, we encourage participants to invite their manager or an interested executive in their own organization to join the Bird's-eye view module: four morning sessions in June 2019, where executives get an overview of the state of the art in data analytics, data engineering, new business opportunities driven by data, and leading the transition to smart industry.

What are the leading applications of data science in manufacturing?



Join an information evening

The information evening is the perfect opportunity to experience what it is like to be a participant of Data Science for Smart Industry at JADS. Meet the Academic Director and experience the historic environment of our Mariënborg Campus. Check the website for dates of upcoming information events and the next program startdate.

Visit us at WWW.JADS.NL/DSSI