

Bewijs van deelname

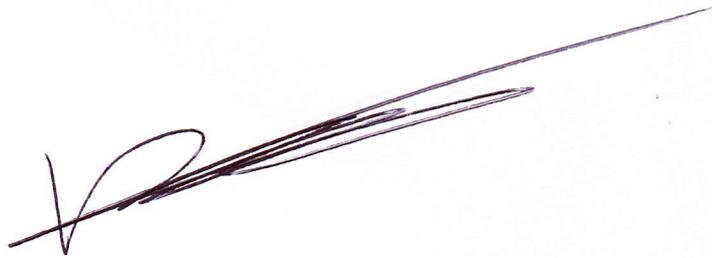
aan de opleiding

Lean Six Sigma Black Belt

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17 januari 2022

Namens IBIS UvA

A handwritten signature in dark ink, appearing to be 'B. Lameijer', written over a horizontal line.

Dr. Bart Lameijer

Lean Six Sigma

Black Belt opleiding

september - december 2021

- Introduction Lean Six Sigma
- DMAIC 0: Project definition
- Introduction Minitab and Excel
- Elementary statistical tools
- DMAIC 1: Define the CTQs
- DMAIC 2: Validate the measurement procedures
- Diagnosing and managing resistance
- Data Wrangling
- DMAIC 3: Diagnose the current process
- Lean analysis: Muri/Muda/Mura, Standard forms of waste, Value stream map, Kaizen, WIP control, Kanban and CONWIP
- DMAIC 4: Identify potential influence factors
- Statistical testing and modeling
- DMAIC 5: Establish the effect of influence factors
- DMAIC 6: Design improvement actions
- Lean improvement actions: Line balancing, Complexity reduction, Critical path analysis, Pull systems, SMED, 5S, Visual management, Poka Yoke
- Design and Analysis of Experiments
- DMAIC 7: Improve process control
- Advanced lean: Advanced VSM, Curse of variability, Bottleneck optimization (TOC), Guidelines advanced lean
- Statistical Process Control
- Deployment of Lean Six Sigma
- Implementation of change
- DMAIC 8: Close the project
- Basic techniques and challenges in data science
- Data Analytics with R