



## Six Sigma Yellow Belt (english)

Level 1

This training will introduce you to the Six Sigma mindset and you will get the tools to start working actively with Six Sigma.

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# Six Sigma Yellow Belt

## **Become the competent Six Sigma project participant to support in optimization projects**

Lean Akademiets Six Sigma Yellow Belt education is an internationally recognized education. With a Six Sigma Yellow Belt education, you get both tools and methods to create efficiencies, get greater customer satisfaction and improve employee well-being.

### **Add new tools to your toolbox with the Six Sigma Yellow Belt**

Our thesis is that in order to make really good Lean, we need to extend it with Six Sigma. A Six Sigma Yellow Belt education is a good start to the data-based approach to understanding process performance is paramount. The customer experiences the variation in the process, and not the average performance we deliver. This is often misunderstood in companies whose measurements often do not represent the customer's actual experience of the process. Therefore, we build on the understanding of waste reduction from the Lean universe and introduce a data-based approach that ensures the fulfillment of customer expectations through stable processes.

This Six Sigma Yellow Belt Course is very practically oriented, and we do not only give you concepts, but also concrete tools and exercises that are ready for you to take home and put to use.

### **Is this education right for you?**

This Six Sigma Yellow belt education is for you who are passionate about (or want to learn) the structured optimization approach, as well as be able to support and help the project managers as a competent project participant in larger projects.

On the Six Sigma Yellow Belt programme, you will learn how a project is set up and supported with data, and what tools and techniques are part of a good measurement phase – and not least how we ensure that our improvements are lasting and do not stop when the focus is shifted away from the process. This Six Sigma Yellow Belt training contains the first two phases of a classic DMAIC project as well as an introduction to the Control phase.

# Content of the education

The Six Sigma Yellow Belt education is filled with exciting content, through which you will learn how to set up a project and support it with data. You will gain an understanding of how to create lasting improvements. The programme ends with a multiple-choice exam, after which you will receive an internationally recognized certification - two days including the exam.

## Six Sigma Yellow Belt

### Introduction to Six Sigma

- Introduction to what Six Sigma is and an understanding of the background for Six Sigma as a data-based method for optimization and efficiency. In addition to this, you will be thoroughly introduced to the basic structure of Six Sigma.
- Presentation of Six Sigma project work and the different possible roles in working with Six Sigma - focusing on the DMAIC structure as an approach to Six Sigma Project work.
- Review of selected Six Sigma tools, among others: SIPOC, project charter, FMEA.
- Introduction to Six Sigma mathematics. You will gain an understanding of what it means to work with data and will be introduced to graphical analysis and how you can present your data graphically so that it is easy to understand for the recipients.
- Understanding what a Measurement System Analysis (MSA) is and why the MSA is an important element in working with Six Sigma and data.
- Through an introduction to capability and stability, you gain an understanding of how to measure whether one's processes meet given expectations or specifications.
- Finally, you are presented with how to work with control and create lasting changes. This is further elaborated on the Six Sigma Green Belt module, where you will get to work with it in practice.

### Practical exercises

- On the course you work with small exercises that give an understanding of how Six Sigma can be

used in practice. Among other things, you work with COPQ (Cost of Poor Quality) based on a business case.

- You work in smaller teams on your business case, and you learn to make a SIPOC analysis. Through this, you get a deeper understanding of how SIPOC can be used in practice and as a high-level flowchart.
- During the course, you will also be introduced to Six Sigma XL software, and you will learn to use this software to analyze various data.

### Examination

The programme ends with a multiple-choice test consisting of 35 questions.



## Subject areas

- **Data-based approach** - how to support statements with data.
- **Measurement system analysis** - how to test and ensure that quality of data is present, so that we can trust our measurement system.
- **Capability** - how do you document the process' ability to consistently deliver to customer expectations.

## Qualifications

There are no prerequisites for participating in this training. This is the first step on your Six Sigma journey, we take you by the hand and guide you through.

## Gains

After completing the education, the participant will be able to run small, local optimization initiatives with Six Sigma - and thereby add a valuable layer of proper understanding of data to the project. The participant will be able to support and help the project managers as a competent project participant in larger projects.

## Examination

The module ends with a Multiple-Choice test consisting of 35 questions.

## Software

Bring your own laptop with SigmaXL installed in test version - information and instructions will be sent along with other information concerning the start of the education.

## Homework

There is no preparation before starting the education or homework associated with your Six Sigma Yellow Belt education.

## Price

[See the price here. Included is full catering and handed-out training material.](#)

## Practical information

### **We are doing everything to ensure that you'll get a good experience**

A perfect course is not only a result of good teaching. The physical environment surrounding that course should give you, as a student, the best conditions for learning new.

[We have collected all practical information here.](#)

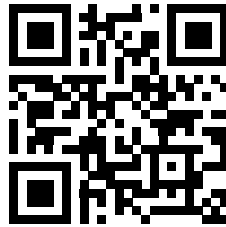
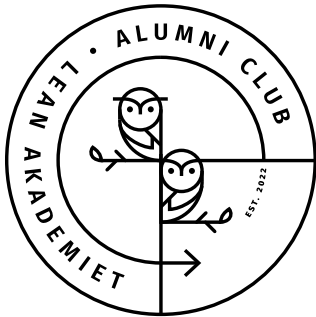
## LA Alumni Club

### Med et Green Belt certifikat får du mulighed for at deltage i fagligt inspirerende events

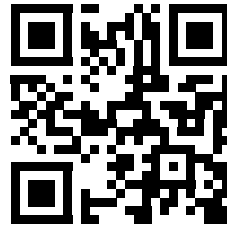
Lean Akademiets Alumni Club er vores lukkede netværksgruppe hvor tidligere kursister med bestået Green Belt eksamen inviteres til at deltage i fagligt inspirerende events.

#### Vi mødes to gange om året.

Samtidig med at vi mødes to gange årligt, så tilbyder vi ligeledes et rum for netværk, inspiration og sparring på vores lukkede LA Alumni Club gruppe på LinkedIn. Her er du velkommen til at dele spændende og relevant indhold.



LA Alumni Club



LinkedIn