



Process Improvement DMAIC

Course description

The primary goal of this course is to provide the student with the tools and learning of the DMAIC methodology as a process improvement approach. Students will also learn about various tools that help assess and enhance the quality of processes.

Throughout the course, students will not only grasp the theory but also put it into practice by working on real-world process challenges. This hands-on experience will equip students with the practical skills needed to effectively improve processes in a professional setting.

At the end of the course you will be able to:

- Learn and apply the DMAIC methodology and supporting tools through hands-on working sessions.
- Understand and use the DMAIC methodology as an approach for process improvement.
- Clearly define the problem or opportunity for a process improvement.
- Collect data and quantify the current state of a process.
- Identify the root causes of process issues or variations.
- Develop and implement solutions to address the identified root causes.
- Establish controls and monitoring mechanisms to ensure that a process remains stable and continues to meet the desired performance levels.


Main topics

- 1 Introduction to Six Sigma and DMAIC as a process improvement approach.
- 2 DMAIC Methodology
 - Define
 - Measure
 - Analyse
 - Improve
 - Control

Contact

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Course features

- Instructor Led 
- Duration: 9 hours 
- Tools and templates 
- Simulated learning 
- Course certification 