

COURSE NAVIGATOR

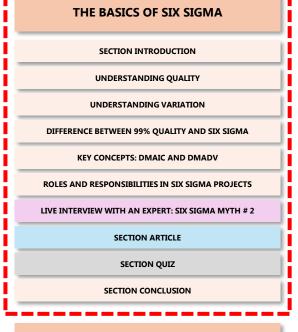


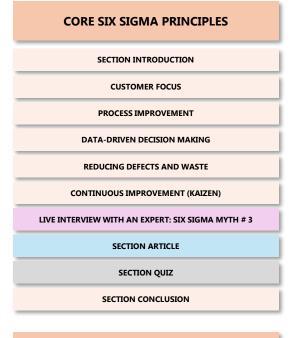
COURSE INTRODUCTION

PROLOGUE

COURSE INTRODUCTION

INTRODUCTION TO SIX SIGMA SECTION INTRODUCTION WHAT IS SIX SIGMA? HISTORY AND EVOLUTION OF SIX SIGMA KEY BENEFITS OF SIX SIGMA IN BUSINESS LIVE INTERVIEW WITH AN EXPERT: SIX SIGMA MYTH # 1 SECTION ARTICLE SECTION QUIZ SECTION CONCLUSION





THE DMAIC FRAMEWORK

SECTION INTRODUCTION

DEFINE PHASE: UNDERSTANDING THE PROBLEM

MEASURE PHASE: BASICS OF DATA COLLECTION AND METRICS

ANALYZE PHASE: IDENTIFYING ROOT CAUSES

IMPROVE PHASE: BRAINSTORMING SOLUTIONS

CONTROL PHASE: SUSTAINING IMPROVEMENTS

LIVE INTERVIEW WITH AN EXPERT: SIX SIGMA MYTH # 4

SECTION ARTICLE

SECTION QUIZ

SECTION CONCLUSION

KEY SIX SIGMA TOOLS

SECTION INTRODUCTION

SIPOC DIAGRAM

FISHBONE OR THE ISHIKAWA DIAGRAM

5 WHY ANALYSIS

PARETO ANALYSIS

BASIC PROCESS MAPPING

LIVE INTERVIEW WITH AN EXPERT: SIX SIGMA MYTH # 5

SECTION ARTICLE

SECTION QUIZ

SECTION CONCLUSION

APPLICATIONS OF SIX SIGMA

SECTION INTRODUCTION

REAL-LIFE EXAMPLES FROM DIFFERENT INDUSTRIES

SUCCESS STORIES OF COMPANIES USING SIX SIGMA

COMMON CHALLENGES IN IMPLEMENTING SIX SIGMA

LIVE INTERVIEW WITH AN EXPERT: SIX SIGMA MYTH # 6

SECTION ARTICLE

SECTION QUIZ

SECTION CONCLUSION

COURSE CONCLUSION

COURSE CONCLUSION

SECTION LECTURE

EXPERT INTERVIEW

ARTICLE

QUIZ

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IN THIS SECTION, YOU WILL LEARN



UNDERSTANDING QUALITY

UNDERSTANDING VARIATION

DIFFERENCE BETWEEN 99% QUALITY AND SIX SIGMA

KEY CONCEPTS: DMAIC AND DMADV

ROLES AND RESPONSIBILITIES IN SIX SIGMA PROJECTS