

1. Record Nr.	UNINA9910809768303321
Titolo	Practitioner's guide for statistics and lean six sigma for process improvement // Mikel J. Harry [and four others]
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2010 ©2010
ISBN	1-118-21021-2
Descrizione fisica	1 online resource (1870 p.)
Classificazione	QP 321
Disciplina	658.4013
Soggetti	Process control - Statistical methods Six sigma (Quality control standard) Statistics - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cover; Title; copyright; Preface; 1: Principles of Six Sigma; 1.1 OVERVIEW; 1.2 SIX SIGMA ESSENTIALS; 1.3 QUALITY DEFINITION; 1.4 VALUE CREATION; 1.5 BUSINESS, OPERATIONS, PROCESS, AND INDIVIDUAL (BOPI) GOALS; 1.6 UNDERPINNING ECONOMICS; 1.7 PERFORMANCE METRICS; 1.8 PROCESS; 1.9 DESIGN COMPLEXITY; 1.10 NATURE AND PURPOSE OF SIX SIGMA; 1.11 NEEDS THAT UNDERLIE SIX SIGMA; 1.12 WHY FOCUSING ON THE CUSTOMER IS ESSENTIAL TO SIX SIGMA; 1.13 SUCCESS FACTORS; 1.14 SOFTWARE APPLICATIONS; GLOSSARY; REFERENCES; 2: Six Sigma Installation; 2.1 OVERVIEW; 2.2 SIX SIGMA LEADERSHIP-THE FUEL OF SIX SIGMA 2.3 DEPLOYMENT PLANNING2.4 APPLICATION PROJECTS; 2.5 DEPLOYMENT TIMELINE; 2.6 DESIGN FOR SIX SIGMA (DFSS) PRINCIPLES; 2.7 PROCESSING FOR SIX SIGMA (PFSS) PRINCIPLES; 2.8 MANAGING FOR SIX SIGMA (MFSS) PRINCIPLES; 2.9 PROJECT REVIEW; 2.10 SUMMARY; GLOSSARY; REFERENCES AND NOTES; 3: Lean Sigma Projects; 3.1 OVERVIEW; 3.2 INTRODUCTION; 3.3 PROJECT DESCRIPTION; 3.4 PROJECT GUIDELINES; 3.5 PROJECT SELECTION; 3.6 PROJECT SCOPE; 3.7 PROJECT LEADERSHIP; 3.8 PROJECT TEAMS; 3.9 PROJECT FINANCIALS; 3.10 PROJECT MANAGEMENT; 3.11 PROJECT PAYBACK; 3.12 PROJECT MILESTONES; 3.13 PROJECT ROADMAP

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7.7 ANALYTICAL METHODS

Sommario/riassunto

This hands-on book presents a complete understanding of Six Sigma and Lean Six Sigma through data analysis and statistical concepts In today's business world, Six Sigma, or Lean Six Sigma, is a crucial tool utilized by companies to improve customer satisfaction, increase profitability, and enhance productivity. Practitioner's Guide to Statistics and Lean Six Sigma for Process Improvements provides a balanced approach to quantitative and qualitative statistics using Six Sigma and Lean Six Sigma methodologies. Emphasizing applications and the implementation of data analyses as
