



Metrics-Based Process Mapping

**Excel-Based Tool for Mapping
Office & Service Processes**

Metrics Based Process Mapping An Excel Based Solution

Karen Martin, Mike Osterling



Metrics Based Process Mapping An Excel Based Solution:

Metrics-Based Process Mapping Karen Martin, Mike Osterling, 2008-08-07 Metrics Based Process Mapping MBPM is a methodology that was developed to support the adoption of lean practices in office service and technical environments. Designed and developed by lean practitioners, this technique integrates the functional orientation of conventional swim lane process maps with the time and quality metrics used in value stream mapping. While MBPM can be used to help improve any cross functional process, it is an especially effective means for understanding and acting on office service and technical process improvement opportunities identified during value stream mapping. View a presentation of this valuable tool in action <http://vimeo.com/27016122>. This CD provides improvement teams with an Excel based solution to electronically archive and distribute current and future state MBPMs created with paper and Post-it notes. This flexible, user friendly tool includes a custom toolbar that enables mapping related functionality, including the ability to insert, reorder, or remove steps and functions. Automated calculation of key process performance metrics. An audit tool that ensures a map contains the data required to auto calculate the metrics needed to compare process performance from the current to the projected future state. Easy to use with no installation necessary; the tool requires only basic Excel experience. It includes a detailed step by step instruction guide that walks users through the process of creating a metrics based process map. System Requirements: The tool is intended for use on PCs using Excel 2003 or later; it will NOT function with earlier versions of Excel or on Macintosh computers.

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serve as standard work documentation for the improved process enabling training communication and process monitoring activities This flexible user friendly tool includes A custom toolbar that simplifies map creation and editing Automated calculation of key metrics An audit feature to prevent mapping errors The ability to simulate how improvements will impact staffing requirements System Requirements The tool is intended for use on PCs using Excel 2003 or later it will NOT function with earlier versions of Excel or on Macintosh computers View a demo of the Excel tool at www.mbpmapping.com

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Ian Wedgwood PhD,2016-02-18 The Practical Guide to Lean Sigma Problem Solving Expanded Updated Lean Sigma delivers results if you use the right tools and techniques In this thoroughly updated edition Ian Wedgwood details his proven best practices from more than sixty successful Six Sigma and Lean deployments in multiple industries helping you identify and apply the solutions that will work best in your projects This expanded edition of Lean Sigma A Practitioner's Guide offers detailed guidance on process improvement standardization accelerated improvement and more Wedgwood helps you identify potential Lean Sigma projects even in processes without obvious targets He illuminates fast effective routes to solving specific business problems and explains why these solutions work Next he presents detailed tools roadmaps step by step instructions showing exactly how and when to use each of these tools 5 Whys 5S Affinity ANOVA Box plot Capability C E matrix Chi Square Concept ideation design selection Control charts Control plan summary Core process map Critical path analysis Customer interviewing Customer requirements tree Customer surveys D Study Demand profiling Demand segmentation DOE Fishbone diagram Handoff map KPOVs data Load chart MSAs Multi Cycle analysis Multi Vari studies Murphy's analysis Normality test OEE Pareto chart Process performance mgmt Poka Yoke Process board Process FMEA

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Table of Contents Metrics Based Process Mapping An Excel Based Solution

1. Understanding the eBook Metrics Based Process Mapping An Excel Based Solution
 - The Rise of Digital Reading Metrics Based Process Mapping An Excel Based Solution
 - Advantages of eBooks Over Traditional Books
2. Identifying Metrics Based Process Mapping An Excel Based Solution
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Metrics Based Process Mapping An Excel Based Solution
 - User-Friendly Interface
4. Exploring eBook Recommendations from Metrics Based Process Mapping An Excel Based Solution
 - Personalized Recommendations
 - Metrics Based Process Mapping An Excel Based Solution User Reviews and Ratings
 - Metrics Based Process Mapping An Excel Based Solution and Bestseller Lists
5. Accessing Metrics Based Process Mapping An Excel Based Solution Free and Paid eBooks
 - Metrics Based Process Mapping An Excel Based Solution Public Domain eBooks
 - Metrics Based Process Mapping An Excel Based Solution eBook Subscription Services
 - Metrics Based Process Mapping An Excel Based Solution Budget-Friendly Options

6. Navigating Metrics Based Process Mapping An Excel Based Solution eBook Formats
 - ePub, PDF, MOBI, and More
 - Metrics Based Process Mapping An Excel Based Solution Compatibility with Devices
 - Metrics Based Process Mapping An Excel Based Solution Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Metrics Based Process Mapping An Excel Based Solution
 - Highlighting and Note-Taking Metrics Based Process Mapping An Excel Based Solution
 - Interactive Elements Metrics Based Process Mapping An Excel Based Solution
8. Staying Engaged with Metrics Based Process Mapping An Excel Based Solution
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Metrics Based Process Mapping An Excel Based Solution
9. Balancing eBooks and Physical Books Metrics Based Process Mapping An Excel Based Solution
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Metrics Based Process Mapping An Excel Based Solution
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Metrics Based Process Mapping An Excel Based Solution
 - Setting Reading Goals Metrics Based Process Mapping An Excel Based Solution
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Metrics Based Process Mapping An Excel Based Solution
 - Fact-Checking eBook Content of Metrics Based Process Mapping An Excel Based Solution
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements

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