

# DMAIC cycle, Six Sigma Project Management Roadmap

## Define

Develop a vision for Six Sigma project

Map the project management process

Understand client needs and set project requirements

## Measure

Collect data on process defects and possible causes

Review process data for a relatively long period to identify each cause

Organize hierarchically and visualize process data; use Pareto analysis

Estimate starting sigma level

Develop detailed process maps

## Analyze

Write descriptions of focused problems relating to the process

Explore potential causes to process failure/inefficiency

Organize potential causes and collect additional data

Quality cause-effect relationships by statistical methods of analysis

## Improve

Create possible solutions for root causes

Select the most feasible solutions

Design improvement plans

Run pilot test for the plans

Implement the plans and evaluate results obtained

## Control

Design and document standard practices for process improvement

Train and develop personnel

Keep track of process performance

Update standard procedures

Summarize and communicate results obtained

Develop recommendations and future plans upon project completion



# Six Sigma Project Management

**Minjie Lin**



## **Six Sigma Project Management:**

The Top Books of the Year Six Sigma Project Management The year 2023 has witnessed a remarkable surge in literary brilliance, with numerous captivating novels enthraling the hearts of readers worldwide. Lets delve into the realm of bestselling books, exploring the captivating narratives that have enthralled audiences this year. Six Sigma Project Management : Colleen Hoover "It Ends with Us" This touching tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover masterfully weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can triumph. Six Sigma Project Management : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This captivating historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids absorbing storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Six Sigma Project Management : Delia Owens "Where the Crawdads Sing" This mesmerizing coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens crafts a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These top-selling novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and thrilling novel that will keep you speculating until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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