



The Power of Lean and Six Sigma Strategy

? What is It

We focus lean methodologies on Waste. Six Sigma is a disciplined, data-driven approach for eliminating defects and minimizing variability. **Lean Six Sigma uses effective problem-solving methods to help organizations succeed and stay competitive.**

🕒 When

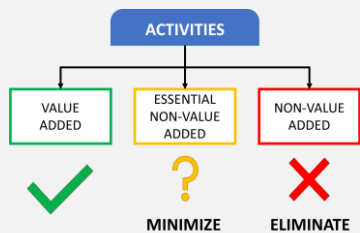
- To understand variation and how it affects the 3Ds: **Delays, Deviations** and **Defects**.
- As part of every improvement process.

🎯 Goals

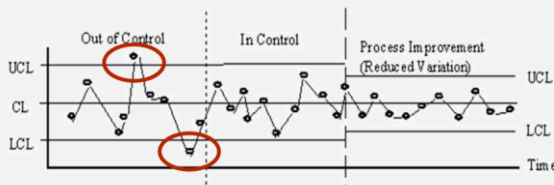
- Meet **customer requirements**.
- Control process **variation**.
- Robust **continuous improvement**.

📊 How

Reduce Waste in all activities



Reduce Variation, thus reduce defect and deviations.



1. Eliminate errors
2. Assess system
3. Improve process

LEAN

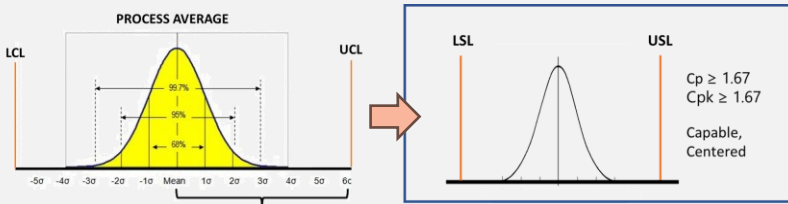
Lean foundations and methodologies to achieve continuous improvement

SIX SIGMA

Understand and apply the Pull system

DMAIC framework and statistical analysis to achieve continuous improvement

Assess Process Capability:
Are we in compliance with our customer specifications?



💡 Hints

- Process must be in **“Statistical Control”** before conducting a process capability.
- If the process is in control, process capability can **predict compliance** of customer requirements.
- Use the Improvement Models (**DMAIC** or **PDCA**).

🔄 The Continuous Improvement Model

