

Summary Steps in Implementing Six Sigma DMAIC

1. Identify the Key variables/factors involved
2. Set up the measurement system and Measure them
3. Describe them (tabular/graphical methods)
4. Obtain point/interval estimations for them
5. Identify, using Pareto, the key variables/factors involved
6. Analyze the cause root of the problems detected
7. Propose adaptive solutions and select/implement the *best*
8. Measure the potential improvement and compare with previous value
9. Refine/Modify/Reject/Adopt
10. Take the next problem/factor from the Pareto chart
11. Repeat the above sequence.