The Six Sigma Project DMAIC Cycle

**Define**
- What is the business case for the project?
- Identify the customer
- Current state map
- Future state map
- What is the scope of this project?
- Deliverables
- Due date

**Measure**
- What are the key metrics for this business process?
- Are metrics valid and reliable?
- Do we have adequate data on this process?
- How will I measure progress?
- How will I measure project success?

**Analyze**
- Current state analysis
- Is the current state as good as the process can do?
- Who will help make the changes?
- Resource requirements
- What could cause this change effort to fail?
- What major obstacles do I face in completing this project?

**Control**
- During the project, how will I control risk, quality, cost, schedule, scope, and changes to the plan?
- What types of progress reports should I create?
- How will I assure that the business goals of the project were accomplished?
- How will I keep the gains made?

**Improve**
- What is the work breakdown structure?
- What specific activities are necessary to meet the project's goals?
- How will I re-integrate the various subprojects?

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