Common Mistakes in DMAIC

Module 1: Introduction to DMAIC Challenges

- Recap of DMAIC methodology
- Importance of following a structured approach
- Why DMAIC projects fail or underperform
- Impact of mistakes on results

Module 2: Mistakes in Define & Measure Phases

- Poorly defined problem statements
- Unclear project scope
- Ignoring Voice of Customer (VOC)
- Collecting incorrect or insufficient data
- Lack of baseline measurement

Module 3: Mistakes in Analyze Phase

- Jumping to conclusions without data
- Confusing symptoms with root causes
- Over-reliance on assumptions
- Misuse of analysis tools
- Ignoring key contributing factors

Module 4: Mistakes in Improve & Control Phases

- Implementing solutions without validation
- Choosing complex solutions over simple ones
- Lack of stakeholder involvement
- No proper control plan
- Failure to sustain improvements

Module 5: Activity & Wrap-Up

- Identify mistakes in a sample DMAIC scenario
- Suggest corrective actions

- Key takeaways and best practices