Six Sigma Methodology: DMAIC Roadmap

**Define**
- **Goal**: Problem Statement, Objective, Business Case, Proj. Scope, Team
- **Main Tools**: Project Charter, Pareto, Process Maps

**Measure**
- **Goal**: Brainstorm/Prioritize Possible x’s, Validate measurement, Capability
- **Tools**: Basic Stat, C&E, XY Matrix, Capability, MSA, P-Map, Control Chart

**Analyze**
- **Goal**: Identify critical x’s
- **Tools**: Hypothesis Tests (Normal/Non Normal) Regression & Correlation

**Improve**
- **Goal**: Design, Test & Implement Improvement
- **Tools**: DOE, Implementation/Change/Communication Plan.

**Control**
- **Goal**: Lock in the Improvement
- **Tools**: Control Plan, Poka-Yoke, SPC, SOP’s, Training Plans etc.