

FAVORITE QUESTIONS OF YOUR INTERVIEWER



TOPIC: DMAIC & DMADV

What is the difference between DMAIC & DMADV?

- DMADV is an acronym for Define-Measure-Analyze-Design-Verify
- DMAIC is an acronym for Define-Measure-Analyze-Improve-Control
- DMADV is used to help build new products / services
- DMAIC is used to help improve business processes of existing products / services
- DMADV does not require historical data – it Designs a prototype and Validates its functionalities
- DMAIC depends on the use of historical data to Analyze, Improve and Control the root-causes

DMAIC is based on which earlier known Improvement Cycle?

- DMAIC is based on Plan-Do-Check-Act OR the PDCA Cycle
- Plan-Do-Check-Act later as became known as the Plan-Do-Study-Act Cycle
- Define, Measure = Plan; Analyze = Do; Improve = Check; Control = Act

How long should each DMAIC Phase last?

- A Six Sigma DMAIC project runs on an average between 3 to 6 months
- Each project is unique. Hence, there is no specific guideline OR standard that states the time required. Time taken for each phase of the project will vary depending on a number of factors.
- For e.g.: If a business process has relevant data readily available, then the Define and Measure phases may be complete within 1 month. However, if the data is not readily available, then ample time needs to be given to collate the required data.
- Time taken to complete a each project phase also depends on a number of other factors such as:
 - Ability of the Black Belt and Green Belt to drive project activities
 - Complexity of the project
 - Proximity of the project to the Champion
 - Organizational Environmental Factors
 - How well is the project defined?