

Program Name: Introduction to CMMI and usage of Minitab

Objective

- Give an overview of various Quality Models and Standard
- Usage of 7 Quality tools
- Use CMMI for Process Improvement
- Implement best practices of CMMI with sample templates
- Usage of Minitab

Target Audience

Developers, Testers, Project Leads, Project Managers, Senior Manages, Delivery Heads

What learnt from the Program

- Quality Tools and Models
- CMMI Process Areas
- Implementing CMMI Best Practices in Organization
- Basic usage of Minitab

Prerequisite

- Basic knowledge of Software Development and Testing processes
or
- Basic knowledge of Project Management

Summary

This Program is intended to let the participants know CMMI process and its integration with the Software Development, Testing and Project Management

Program Contents

Day 1

1. Introduction to Models, Standards, Process
2. Introduction to CMMI, Representation (Staged & Continuous)
3. Process Framework
4. Process Improvements
5. Benefits of Process Improvement
6. 7 Quality tools
7. Examples and Exercise on 7 Quality tools

Day 2

1. Process Areas
2. Specific Goals and Practices
3. Generic Goals and Practices
4. Level 2 Process Areas
5. Sample templates and exercise to implement the L2 processes
6. Use of Minitab for L2 Process Areas

Day 3

1. Level 3 Process Areas

2. Sample templates and exercise to implement the L3 processes
3. Use of Minitab for L3 Process Areas
4. Overview of Level 4 & 5 Process Areas
5. Appraisal & Audit Process