

## **Module 1: Introduction to Lean, Agile, and Scrum**

1. What is Agile?
2. Agile Mindset
3. Agile Manifesto
4. Agile Principles
5. Scrum Overview
6. Difference Between Agile and Scrum
7. Agile Projects Testing Principle

## **Module 2: Overview of Scrum**

1. Key Features of Agile and Scrum
2. Deming Cycle
3. Attributes of Scrum
4. Scrum Values
5. Pilots of Scrum

## **Module 3: Scrum Artefacts**

1. Product Backlog
2. Sprint

## **Module 4: Scrum Artefacts**

1. Product Backlog
2. Sprint Backlog
3. Epics
4. User Stories
5. User Stories Structure/format
6. INVEST Criteria
7. Scrum Boards

## **Module 4: Metrics**

1. Burndown Charts
2. Burn Up Charts
3. Say Do Ratio
4. Velocity Chart
5. Control Flow Diagram
6. Cumulative Flow Diagram
7. Maturity Assessments

## **Module 5: Story Point Estimations**

1. Estimating the User Stories
2. Estimation Epics
3. Planning Poker
4. T-Shot Sizing

## **Module 6: Scrum Framework**

1. Sprints
2. Sprint Planning
3. The “what” and “How” of sprint planning
4. Daily Standup / Daily Scrum
5. Backlog Refinement
6. MoSCoW
7. Managing the Sprint Backlog
8. User Story Workflow
9. Tracking Progress
10. Sprint Review / Demo
11. Sprint Retrospective
12. Cancelling a Sprint

## **Module 7: Roles and Responsibilities**

1. Scrum Master roles and challenges
2. Product Owner roles and responsibilities

3. Development team roles and responsibilities
4. Organisation roles and responsibilities

## **Module 8: DOD and DOR**

1. Definition of Done for a feature
2. Definition of Done for a sprint
3. Definition of Done for a release
4. Definition of Done vs. Acceptance criteria
5. Done vs. Done-Done.
6. Definition of Ready for a user story
7. Definition of Ready for the sprint

## **Module 9: Project Planning**

1. Project/Product planning
2. Minimum Viable Products
3. Release Planning