



## Agile Analysis Boot Camp

3 Days | Onsite and Virtual

Agile teams and organizations find out sooner or later, that with agile, building the wrong things faster is very possible if you leave out a key component: understanding the real problem and evaluating the impact of the potential solution before going off and doing your sprint as fast as you can. Our goal is to provide approaches and techniques for your team to ensure the **right** thing is built, have user stories that clearly identify the minimum viable product, and potentially eliminate unnecessary stories.

The course provides practical guidance on handling complex projects, spontaneous scenarios and decision points that occur on an agile project. Our material covers many variations of agile so that each analysis technique taught can be adapted to different types of projects, different types of agile teams, and even a variety of agile frameworks.

### Boot Camp Experience

An emersion learning approach, along with role playing, allows students to practice the techniques as they learn. Students will experience what a project that is fully leveraging agile concepts and culture looks and feels like. This allows them to better understand their role on the team and appreciate their team member's contributions. **During the course, we will demonstrate how analysis is used at every step in the process, even if the techniques are not always recognized as *analysis* in their current environment.**

This course includes many of the concepts found in the Scaled Agile Framework (SAFe), as well as Scrum and Kanban. It supports the standards outlined in the IIBA BABOK® Guide V3. This course will also touch upon alternate agile approaches (XP, Iterative, DAD, hybrids such as Scrumban, Scrumfall and other organic approaches) to allow those pursuing agile to consider all the practices and options. Students who have previously take our [Essential Skills for Business Analysis](#) will see how to leverage and reuse those skills in an agile environment.

### Pre-Class Reinforcement

There is a short pre-requisite quiz for students to help tailor the learning process.

### Learning Objectives

- Practice Scrum, release, and iteration/sprint planning sessions through mock exercises
- Understand how the different agile environments (Scrum, SAFe, Kanban) impact roles, planning, and ceremonies
- Review the top-down hierarchy of managing value
- Align scoping and analysis techniques with each stage and step in the agile framework

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- Understand how to best facilitate communication among the agile team (i.e. the product owner, the domain stakeholders, the development team)
- Perform team skills gap analysis to help the team become even more effective and responsive to changes
- Develop user stories using the 3Cs, the features, the epics, and cross-functional supporting content (ie:acceptance test, examples, models) for the purposes of building the right solution and tracing value
- Discuss other types of backlog items including non-functional requirements, spikes, technical debt, and impediments
- Elicit and communicate the appropriate level of requirement detail and how to use “just in time” practices for delivering the details
- Outline the role analysis plays in managing, estimating, and prioritizing the backlog, along with designing, building, and testing activities
- Identify and negotiate the factors associated with ready and done
- Identify supporting artifacts and determine when to introduce them
- Effectively establish a triage approach to manage the flow of changes that is encouraged and to ensure ongoing backlog grooming
- Determine how an analyst is to adjust their practices and techniques due to the changing needs of the team

## Intended Audience

This course is designed for anyone working on an agile team, but is especially helpful for product owners, business analysts, systems analysts, or any other team member involved with requirements on an agile project. This course may also be appropriate for individuals who manage individuals working on an agile team and need a more in-depth understanding of the process and skills useful for an agile team.

## Prerequisites

None

## Learning Topics

Topic
<b>Introduction to the Agile Analysis Boot Camp</b>
<ul style="list-style-type: none"> <li>• Overview of agile values, principles, approaches and terminology</li> <li>• Describe the characteristics of an agile environment</li> <li>• Review agile terminology and concepts</li> </ul>
<b>Agile Techniques</b>
<ul style="list-style-type: none"> <li>• Identify agile ceremonies</li> <li>• Understand how analysis is applied in agile</li> <li>• Perform and apply analysis techniques in an agile environment</li> <li>• <b>Workshop:</b> Walk through a mock sprint <ul style="list-style-type: none"> <li>o Define and practice various agile planning activities</li> <li>o Apply analysis techniques for the creation of features and stories</li> </ul> </li> </ul>

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<ul style="list-style-type: none"> <li>o Practice managing value during design, build, and test</li> </ul>
<b>Roles on an Agile Team</b>
<ul style="list-style-type: none"> <li>• Overview of the roles of the project team members</li> <li>• Describe where the business analyst fits on an agile team</li> <li>• Describe scenarios and examples of how to start on a new or existing agile project</li> </ul>
<b>Analysis in an Agile Environment</b>
<ul style="list-style-type: none"> <li>• Define and practice planning techniques</li> <li>• Identify features and stories to create a backlog</li> <li>• Practice ways to manage and groom, organize, and prioritize a backlog</li> </ul>
<b>Taking User Stories to the Next Level</b>
<ul style="list-style-type: none"> <li>• Learn how to write user stories and conduct a user story writing workshop</li> <li>• Learn the key characteristics and benefits of user stories</li> <li>• Learn how to identify non-functional requirements and acceptance criteria in an agile environment</li> <li>• <b>Workshop:</b> Writing user stories, creating acceptance criteria, examples, test cases</li> </ul>
<b>Analysis Techniques Applied using Kanban Concepts</b>
<ul style="list-style-type: none"> <li>• Understand when and how to use the Kanban approach</li> <li>• Discuss the benefits and practical application of Kanban</li> <li>• Learn to use the Kanban method and understand the role of the team members</li> <li>• <b>Workshop:</b> Walk through a mock Kanban case study <ul style="list-style-type: none"> <li>o Define and practice various agile planning activities in Kanban</li> <li>o Apply analysis techniques for the creation of work items</li> </ul> </li> <li>• Practice managing value during design, build, and test</li> </ul>
<b>Applying Agile Values</b>
<ul style="list-style-type: none"> <li>• Behaviors to avoid</li> <li>• Living the agile mindset</li> <li>• Overcoming challenges and resistance</li> </ul>
<b>Course Summary</b>
<ul style="list-style-type: none"> <li>• Bringing it all together – learning backlog review</li> <li>• Develop an action plan with next steps on the student’s current project</li> </ul>