

Agile BI: Value-Driven Data Warehousing and BI

Learn via: **Classroom / Virtual Classroom / Online**

Duration: **1 Day**

Overview

This introduction to agile for DW/BI teams aligns agile values and principles with BI/DW delivery; reviews both iterative (Scrum) and flow-based (Kanban) methods; and clarifies roles, responsibilities, and relationships in the agile BI/DW project community. The class also provides guidelines, examples, and practice on how to write and slice effective agile BI/DW requirements into effective user stories.

Prerequisites

There are no prerequisites for this course.

Who Should Attend

- Data warehouse and BI project managers
- Directors and leaders
- Architects, designers, developers, and administrators
- Testers
- Business intelligence practitioners
- Business analysts and product owners

What You Will Learn

- Story point estimation
- Story prioritization techniques
- Product backlog grooming
- Capacity-based planning
- Story conferencing
- Sprint backlog creation and commitment
- Team roles and responsibilities
- Team self-organization and self-management
- Kanban and scrum
- Feature showcase practices
- Retrospectives for continuous learning and improvement
- Writing good BI/DW user requirements/stories
- Slicing epics into smaller stories

Outline

1. Introduction

- Agile Overview
- Agile Manifesto Exercise

2. How Scrum Works

- Scrum Overview
- Product Backlog Prioritization
- Product Backlog Management
- Story Conferencing
- Sprint Tracking
- Capacity-based Planning

- Daily Scrum
- Project Monitoring
- Sprint Showcase
- Executive Showcase
- Sprint Retrospective
- Adapt and Close

3. Scrum and Kanban

- Lean & Agile Principles
- Scrum Basics vs. Kanban Basics
- Kanban Example
- Kanban Metrics
- Value Stream Mapping
- Limiting WIP
- Scrum and Kanban Cadence
- Continuous Improvement
- Scrum & Kanban Summary
- Kanban Exercise

4. User Stories

- Capabilities to Stories
- User Story Template
- Well-Written Stories
- Stories are Not Requirements
- Architecturally Complete Stories
- User Story Exercise

5. Story Slicing

- Epics
- Slicing Epics
- Anti-Stories
- Ridiculously Thin-Slicing
- This-Slicing Points in the DW/BI Architecture
- Story Slicing Exercise

6. Relative Estimating

- Agile Estimating & Conventional Estimating
- Absolute vs. Relative Estimating
- T-Shirt Sizing
- Story Point Estimating
- Estimating Poker

7. Building Project Community

- The Agile Project Community
- Self-Managing and Self-Organizing Teams
- Shared Values: Team Working Agreements
- Honoring Commitments
- Visual Controls
- Agile Roles