

Agile BI: Value-Driven Data Warehousing and BI

Description

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.

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
- How to write good BI/DW user requirements/stories
- How to slice epics into smaller stories

Audience

Data warehouse and BI project managers

Directors and leaders

Architects, designers, developers, and administrators

Testers

Business intelligence practitioners

Business analysts and product owners

Outline

Introduction

- Agile Overview
- Agile Manifesto Exercise

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

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

User Stories

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

Story Slicing

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

Relative Estimating

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

Building Project Community

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

Prerequisites

There are no prerequisites for this course.