

Mastering Autoverification Rule Sets in Instrument Manager Virtual Instructor Led Training

Course Description

This advanced-level course provides participants with in-depth knowledge and hands-on experience creating and managing AV (Autoverification) rule sets within Instrument Manager. Participants will learn how to perform data collection, design, create, test, and document AV rules to optimize laboratory workflows. This program focuses on applying advanced concepts and techniques, ensuring that learners are equipped to handle complex scenarios and build robust AV solutions.

Course Overview

- Demonstrate how to perform data collection, design, create, test, and document rules for Autoverification
- Discuss how AV workflows can be translated into AV rule sets
- Apply concepts of using advanced operators, performing calculations, identifying reruns, QC, SMW integration and testing complex scenarios

Course Objectives

- Virtual Instructor Led Training
- Three Virtual Instructor Led Training sessions
- One to two hours of course work between sessions

Course length: Three weeks

Prerequisites

Participants must understand laboratory workflows and operation of Laboratory Information Systems for transmission of orders and receipt of results from laboratory instrument interfaces. Prior attendance in Data Innovations' Advanced Concepts of Rule Writing or equivalent training is required.

Technology Requirements

- A dual extended monitor set up is required with at least one large monitor (i.e. 22 in)
- A microphone is required
- Access to AWS WorkSpaces (may require your IT security access)

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Course Agenda - Pre-Session Prep

- What is AV?
- AV Documentation - Getting Started
- Preparing for Class



Course Agenda - Week One ILT



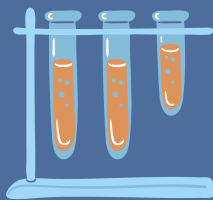
- AV Considerations
- Data Collection
- Creating an Audit Trail File
- Preprocessing Rules
- Building a Rule Set for AV - Putting it all together

Course Agenda - Week Two ILT

- SOP Documentation Collection
- AV Missing Indices
- Change Ordering Physician
- AV Steps 1-7



Course Agenda - Week Three ILT



- Delta Checks
- Rapid Suspension of AV
- Review SOPs
- SOP Review
- Validation Plan/Wet Testing
- AV Documentation - Finalizing



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Course Agenda - Week One

Day One VILT

- AV Considerations
- Data Collection
- Creating an Audit Trail File
- Pre-processing Rules
- Testing
- Building a Rule Set for AV - Putting it all together

Day One Homework

- SOP Documentation Collection

Course Agenda - Week Two

Day Two VILT

- Auto Verification Steps 1-7

Day Two Homework

- AV Steps 1-7
- Review SOPs

Course Agenda - Week Three

Day Three VILT

- Delta Checks
- Rapid Suspension of AV
- SOP Review
- Validation Plan/Wet Testing
- AV Documentation - Finalizing

