Medidata Detect Analyst

Instructor Led Training Course Outline

Course Description: Medidata Detect is a data analysis and visualization solution that applies advanced statistical analytics on clinical study data to detect risks, anomalies, and trends. You can use Medidata Detect to view and analyze data and identify study areas needing the most focus or improvement—including at the study, country, site, or patient level. The findings will help you determine any necessary mitigating actions to take on study issues or risks to ensure study data quality and compliance.

This course provides users with detailed workflow examples of how to utilize Detect to deeply analyze their clinical trial data to identify potential outliers and risks.

Approximate Duration: 8 Hours

Module	Topic
Welcome	Objectives
What is Medidata Detect?	Description of Medidata Detect
	Cloud Navigation - Permission Assignments
	How Does Detect Work?
	Logging into Detect
Medidata Detect Workflow Overview	Basic Detect Workflow Guide
	Summary of Available Views in Detect
Detailed Detect Workflow Walkthrough	Refresh Study Data
	Assess Overall Study Performance
	Identify the Most Impactful Data Quality Issues
	Investigate Risks, Anomalies, and Trends
	• Error Plots
	○ Error Plot Visualization Types
	○ Text Analysis
	○ Numeric Analysis
	○ Text Vs. Text Analysis
	○ Numeric Vs. Numeric Analysis
	○ Numeric Vs. Text Analysis
	• Event Incidence Plot

	○ Investigating Data Using the Event Incidence Plot
	○ Setting Filters
	○ Use and Interpret the Event Incidence Plot Summary Table
	● Key Risk Indicators Table (KRIs)
	  ○ Filter and Sort the KRI Table
	  ○ Interpret the KRI Table
	  ○ View and Interpret the KRI Table Box Plot Visualization
	  ○ Investigate the KRI Table
	● Quality Tolerance Limits (QTLs)
	● Risk Management
	  ○ Reviewing Risks, QTLs, and KRIs
	  ○ Risk Categorization
	● Insights/Clean Patient Tracker
	  ○ Track and Clean Patients
	● Data Reviewer
	● Configuration and Reporting
	Manage Identified Risks Outside Of Detect

Summary and Wrap Up	Summary