



Reliability - Overview

Course #0106

Course Details

Length: 1 day

Prerequisite: Meridium - Overview

Benefits: This course provides an introduction to Reliability Manager tools, which you may use to analyze existing maintenance, predictive, and process data.

Audience: Managers, General Users

Overview

Bad Actor Identification

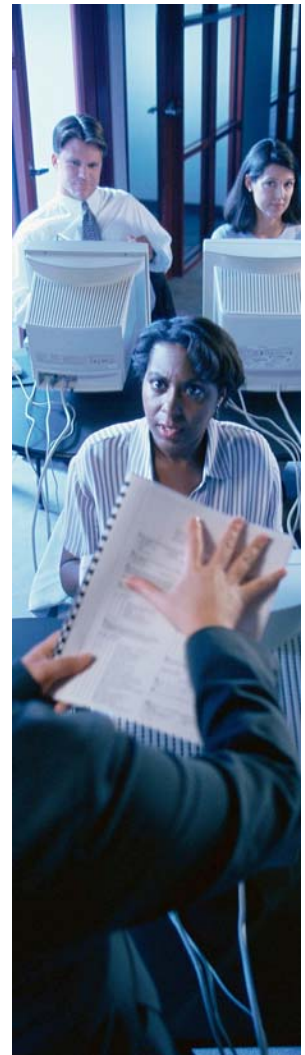
You will build a Pareto Analysis to identify a Bad Actor Asset. Then you will build a Metric View based on that Bad Actor.

Reliability Analysis Query

You will build an all-purpose Reliability Analysis Query to retrieve all the data required, in order to perform a variety of Reliability Analyses.

Growth and Weibull Analyses

You will build a Growth Analysis, and then a Weibull Analysis, based on the Reliability Analysis Query. Finally, you will calculate Failure Probability and use the Preventive Maintenance Optimization tool to determine the most cost-effective preventive maintenance schedule.





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Training Agenda

Identifying Bad Actors

- Using a Pareto Analysis to identify Bad Actor Assets
- Creating a Metric View for the Bad Actor

Building a Reliability Analysis Query

- What is a Reliability Analysis Query?
- Building a Reliability Analysis Query

Growth Analysis

- Building a Growth Analysis
- Viewing Growth Analysis results

Weibull Analysis

- Building a Weibull Analysis
- Viewing Time to Failure Distribution results
- Viewing Time to Failure Plots
- Viewing Time to Repair Distribution results
- Calculating Failure Probability
- Using the Preventive Maintenance (PM) Optimization tool