

204 Monte Carlo Simulation using Metastorm ProVision® 6



Course Syllabus

Important Facts:	1 day 30% Lecture/Demonstration 70% Hands-on Exercises/Questions
Target Audience:	Business Analysts responsible for developing a future model of the business process and quantifying improvements; Managers responsible for improving their business performance and processes.
Class Objectives:	After completion of this one-day class, the student will be able to simulate the current state (As Is) process (expressed in a Workflow Model) to verify average cycle time and costs and identify where process changes will yield the highest return on investment, and run future state (To Be) simulations . By analyzing and comparing the results of the process simulations, the student will be able develop and recommend various alternative future states.
Prerequisites:	This is an advanced level course, so successful completion of Metastorm's 101 Business Process Analysis class, or equivalent experience with creating and maintaining detailed Workflow Models in Metastorm ProVision, is a prerequisite.
Topic Outline:	Day 1 <ul style="list-style-type: none">▪ Introduction<ul style="list-style-type: none">○ Course Objectives, Content & Timing○ Setting Student Objectives○ Overview of Monte Carlo Simulation○ Understanding detailed Workflow Models▪ Timing<ul style="list-style-type: none">○ Activity timing○ Transit time○ Capturing the durational aspects of a business process▪ Exercise: Entering Timing Data▪ Costs<ul style="list-style-type: none">○ Activity-based costing methods○ Resource costs○ Direct & indirect costs▪ Exercise: Entering Cost Data▪ Simulate Process<ul style="list-style-type: none">○ Setting scenario parameters○ Running the Simulation▪ Exercise: Simulate the Process▪ Analyzing Results

- Examine timing charts & grids
 - Examine cost charts & grids
 - Exporting for further sharing &/or analysis
- Exercise: Analyzing Results
- Options for Change
 - Analyzing future growth
 - Improving the process (reducing time/cost & other options)
 - What if...?
- Course Summary – Next Steps – Additional Support

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