i2 Transportation Modeler Level I Training (v6.3)

IMP-063200x-02
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Summary

Solution Type:	SCM
Industry:	Transportation / Logistics
Product(s)/Template(s):	i2 Transportation Modeler, i2 Access Rating Tool
Target Audience:	Functional Implementers (Business Lead / i2 Lead) Technical Implementers (Super User / Application Engineer)
Delivery Method:	Instructor-Led Training
Training Approach:	Lecture, Demo, and Hands-on
Duration:	4 days
Version:	6.3

Description

This course provides training for transportation modeling using Transportation Modeler for data model management and optimization, as well as Access Rating Tool for tariff creation and management. Designed for analysts who desire to have classroom instruction and hands-on experience, the course is built around a “case study” for exercises and discussion of functionality.

Content

This course is composed of the following modules:

- Module 1: Basics
- Module 2: Model Enhancement
- Module 3: Tariffs
- Module 4: Optimization Strategies
- Module 5: Advanced Functionality

Prerequisites

- Basic PC knowledge and skills, including MS Windows™
- Knowledge and/or experience in the logistics/transportation industry is helpful but not required.
- Basic understanding of MS-Access is beneficial

Course Objectives

On completion of this course you will be able to:

- Explain the i2 solution and transportation / logistics solutions "in context".
- Explain specific business scenarios and enabling functionality.
- Describe the modeling process and recommended steps for building a model using Transportation Modeler.
- Identify the core Control Center input tables, relationships, and minimum required fields.
- Given an MS-Access database, import data into a starter model.
- Explain how to configure option for optimization.
- Explain the post-optimization files, views, and tables.
- Explain how to export results from output tables.
- Given a model, optimize and work with results.
- Explain location-related enhancements to a model.
- Explain hub enhancements to a model.
- Explain shipment-related enhancements to a model.
- Given different business scenarios, enhance the model, re-optimize and evaluate the results.
- Explain tariff components and structure.
- Identify the different sources of tariffs.
- Provided tariff business scenarios, outline tariff components and structure.
- Explain purpose, architecture and interface of Access Rating Tool(ART).
- Explain tariff creation process in ART.
- Given tariff components and structure, create tariffs in ART.
- Explain Delivery Schedule use and creation in ART.
- Given delivery schedule business scenario, create in ART.
- Explain the optimization strategies and arguments in the context of business examples.
- Explain the Strategy File Editor, plan stacks, variables, and looping.
- Explain the optimization parameters and Parameter File Editor.
- Explain the importance and use of Carrier Constraints.
- Explain the importance and use of Lane Constraints.
- Explain the importance and use of Domiciling.
- Explain the importance and use of Hub Constraints.
- Explain the importance and use of Performance-Based Rating.