

OptiCon 2026 — Training Course Session Descriptions

Simulating Results of an Optimization Model

Session Description

Are you leveraging network optimization but wonder how your network designs will perform in practice? Do aggregations and abstractions make it difficult to evaluate the effectiveness of design changes? Simulation provides the detail you need.

In this hands-on session, you will employ optimization results within simulation models to arrive at greater insights, discuss best practices, and leave ready to get started.

The course covers optimization-to-simulation use cases and customer success stories, project management and model design considerations, and techniques and template workflows for simulating results of an optimization model. You will gain insight into pitfalls and best practices in the optimization-to-simulation transformation and analysis process, work through light simulation results review, and use the Demand Classification utility to set initial inventory policies after redesigning a network.

Note: Running Dendro will not be covered in this course. We will briefly outline next steps and best practices for the Dendro workflow that often follows simulating results of an optimization model.

Intended Audience

This session is designed for Cosmic Frog users with experience in network optimization and basic simulation training (see prerequisites). It is ideal for attendees who already do network optimization and are interested in the value that simulation can bring to their supply chain design practice when used in a complementary way—including service and inventory insights, granularity, and variability.

What Attendees Will Learn

By the end of this course, attendees will be able to:

1. Identify use cases for optimization and simulation and articulate the value of employing both methods together.
2. Build and review a basic simulation model to verify optimization results, taking away tools and templates that can be applied outside of this course.
3. Enter your first optimization-to-simulation project with knowledge of best practices, foresight into common pitfalls, and examples of success stories as guidance.

Prerequisites

- Introduction to Simulation (available on-demand at optilogic.com/training)
- Cosmic Frog experience

Rethinking Vehicle Routing: Strategy Beyond Miles

Session Description

We all know miles are king in vehicle routing—but is that the whole story? Real networks involve far more nuance, from service expectations to flexibility, cost structure, and operational constraints.

Hopper is Optilogic's strategy-focused vehicle routing engine, built to help supply chain teams understand these deeper trade-offs and design routing approaches that reflect the full complexity of their distribution network. This course will cover foundational routing concepts before quickly pivoting to the innovative ways Optilogic is approaching these challenges today.

Participants will explore these ideas with experienced Optilogic practitioners, using realistic scenarios to uncover where intuition falls short, and strategic insight drives better decisions. Topics include:

- Input data sources, assumptions creation, model design and scope approaches
- Validating and troubleshooting results and gaining buy-in
- Tuning model runs to balance solve time with solve quality

- Balancing transportation costs versus other network considerations through Territory Planning

Intended Audience

This session is designed for Cosmic Frog users with transportation knowledge and at least some Hopper background. It is ideal for modelers who know the basic components but would benefit from learning best practices and the additional levels of modeling complexity available within Hopper.

What Attendees Will Learn

By the end of this course, attendees will be able to:

- Build, run, and refine routing models with greater speed, efficiency, and confidence
- Streamline model setup, avoid common pitfalls, interpret results more effectively
- Apply practical techniques that make Hopper-based routing analysis faster and more insightful—ultimately enabling them to design smarter, more resilient routing strategies grounded in real-world operational complexity

Prerequisites

- Previous Cosmic Frog experience
- Knowledge of Hopper basics (available on-demand at optilogic.com/training)

Network Design: Beyond the Basics II

Session Description

Ready to move beyond standard cost-minimization models? This course is designed for experienced practitioners looking to build more realistic, decision-ready network designs.

Participants will learn how to prioritize and operationalize model outputs within real-world constraints and apply advanced modeling techniques. Leave with practical approaches you can apply immediately to your own projects.

The course is structured around three advanced modeling areas:

Production Modeling — Develop detailed production models that support end-to-end supply chain modeling, with a strong understanding of table interactions and dependencies.

Multi-Period Modeling — Understand how multi-period models add complexity and improve visibility into time-based supply chain and production impacts.

Incremental Change — Optimize the timing of critical supply chain decisions to drive maximum impact and ROI.

Intended Audience

This session is designed for experienced supply chain design practitioners who are ready to move beyond standard cost-minimization models and build more realistic, decision-ready network designs. It is ideal for those who want to apply granular levels of detail to their models, unlock new questions, and address the strategic changes required to move with the business.

What Attendees Will Learn

Attendees will be able to build more sophisticated, real-world models with granular levels of detail. This will unlock new questions they will be able to answer, along with the strategic changes required to adapt to evolving business needs.

Prerequisites

- Getting Started with Cosmic Frog (available on-demand at optilogic.com/training) and/or previous network optimization modeling experience

AI-Enabled Supply Chain Design with DataStar

Session Description

Tired of spending weeks untangling messy data before your network design project even begins? This course shows how AI can streamline each stage of model building.

Using DataStar's AI agents, participants will build a Cosmic Frog model from messy and incomplete data, learning how to accelerate the journey from raw data to decision-ready

models while reducing setup time and improving consistency. The course also covers how AI can summarize results to sharpen scenario analysis and executive communication. Spend less time preparing models and more time evaluating trade-offs and driving business impact.

The course is structured in three parts:

Part 1: DataStar Overview and Basic Hands-On Exercises — Participants will get oriented in the DataStar environment by uploading a CSV file, creating a data connection, using AI agents to profile and address data quality issues, building a Cosmic Frog table via AI agents, creating a Cosmic Frog connection, and setting up an export task.

Part 2: AI Agents and Utilities — Participants will use AI agents for data validation and cleaning, then create scenarios and scenario items directly from natural language prompts.

Part 3: Executive Insights — Introduction to the Executive Insights agent for making sense of scenario results, including generating summaries, comparing trade-offs across scenarios, and tailoring outputs for different stakeholder audiences.

Intended Audience

This session is designed for Cosmic Frog users with experience in network optimization who spend time on data preparation and model setup. It is ideal for supply chain practitioners, analysts, and consultants who want to accelerate the journey from raw data to models using AI. It is also well-suited for practitioners who are curious about DataStar and integrating AI and utilities into their workflow, with little to no prior experience with the platform.

What Attendees Will Learn

By the end of this course, attendees will be able to:

1. Comfortably navigate DataStar and access utilities, AI agents, and data connections.
2. Use DataStar AI agents to cleanse, standardize, and fill gaps in messy supply chain data.
3. Build a network design model from raw data using the natural language interface and AI agents, applying validation patterns to catch common errors before they propagate.

4. Rapidly create and run what-if scenarios using natural language prompts, and use the Executive Insights agent to frame audience-appropriate summaries of scenario results.

Prerequisites

- Introduction to DataStar (available on-demand at optilogic.com/training)
- Basics of network optimization modeling in Cosmic Frog

Operationalizing Insights with Composable Apps

Session Description

You've built the model—now make it usable. This course focuses on turning Cosmic Frog outputs into consumable, decision-ready applications for non-technical stakeholders.

Participants will learn how to quickly assemble apps using Optilogic's composable framework and AI agents, enabling broader adoption of modeling insights across the business. Walk away with practical techniques to scale the impact of your work beyond the modeling team.

Intended Audience

This session is designed for Cosmic Frog users who want to extend the reach of their modeling work by making outputs accessible and actionable for non-technical stakeholders and decision-makers across the business.

What Attendees Will Learn

By the end of this course, attendees will be able to assemble decision-ready applications from Cosmic Frog model outputs using Optilogic's composable framework and AI agents—enabling them to drive broader adoption of supply chain design insights and scale the impact of their work across the organization.

Prerequisites

- Getting Started with Cosmic Frog (available on-demand at optilogic.com/training) and/or previous Cosmic Frog modeling experience