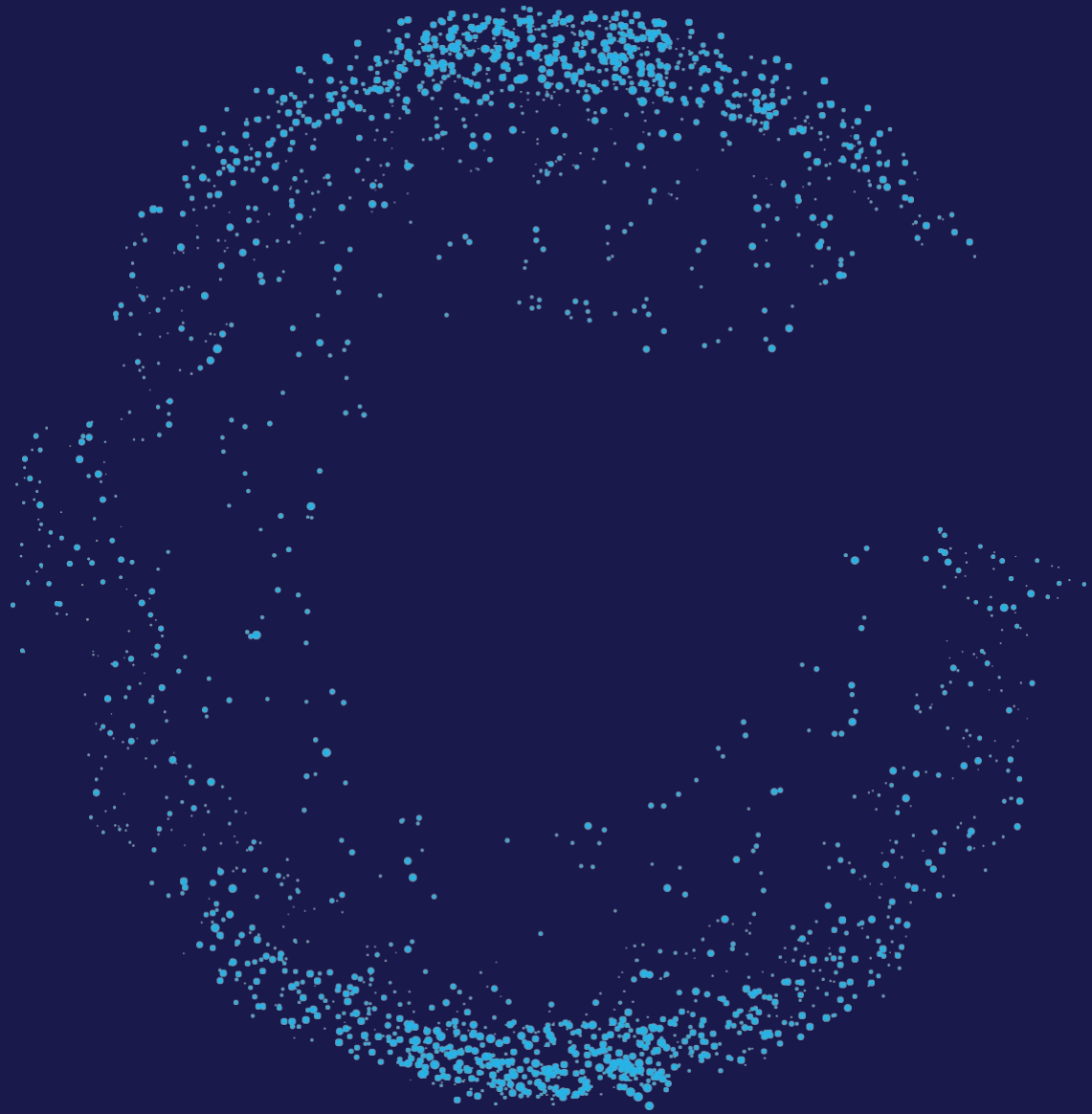


Education Services

Course Catalog



Retail Planning (SCPO)

Revision Date: August 2026

About This Catalog

This catalog is your essential guide to the Retail Planning instructor-led training courses. Whether you are a new user or an experienced professional, the courses outlined in this catalog help you gain the knowledge and skills required for the successful adoption and effective use of the Retail Planning solutions.

The catalog provides a structured overview of available courses and their learning objectives, audience, and duration. For assistance or guidance in selecting the required courses, you can contact your Blue Yonder Customer Experience or Education Services team.

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About Blue Yonder Education Services

Blue Yonder Education Services seeks to improve supply chain excellence by offering innovative, tailored, and cost-effective training solutions. It focuses on transforming training with adaptable, high-quality programs that help you achieve your business goals, deliver industry-leading performance, and drive economic growth. Blue Yonder Education Services' core offerings include:

- Product courses delivered in person or virtually, as instructor-led training
- Public schedule and private course events
- Applied coaching and mentoring services
- Digital subscriptions and online courses
- Certifications
- Skill gap analysis surveys and training need assessments
- Organizational change and end-user training advisory and professional services

Blue Yonder Training Courses

Designed to facilitate effective adoption and utilization of its software solutions, Blue Yonder training courses provide a structured, expert-guided learning experience.

Features and Benefits



Offer in-person or live virtual classroom training, delivered by a qualified Blue Yonder instructor, with standard or customized courses and hands-on exercises



Provide comprehensive training on specific Blue Yonder solutions and related business processes



Ensure learner engagement throughout the training program



Award learners with badges and certification, when applicable



Retail Planning (SCPO)—Overview

The Retail Planning (SCPO) catalog provides comprehensive training courses designed for different audiences in an organization. These courses combine learning concepts with practical exercises that help learners deepen their knowledge of Retail Planning.

Course Name	Learning Objectives	Audience	Duration
Demand Planning			
4625: Demand	After completing this course, learners will be able to: • Explain the key forecasting techniques in demand planning. • Explain the purpose of the key processes run in demand planning. • Use a Compound Workspace to view data on multiple pages on a single screen. • Configure the Demand Workbench based on your business requirement. • Identify the history cleansing methods used for accurate demand forecasting. • Run the history cleansing process to cleanse the history data before generating the forecast. • Identify the algorithms associated with different forecasting techniques. • Run the Demand Classification process for a series of products and review the outputs on the Demand Classification Manager page. • Compare the exceptions in Demand Workbench and take appropriate action. • Describe the importance of market intelligence in forecasting. • Identify the factors that affect forecast accuracy. • Explain the process of reviewing forecast performance data. • Describe the roles and responsibilities of a demand planner.	Project Team and end users	3 days

4166: Demand 360	After completing this course, learners will be able to: • Create accurate demand forecasts and collaborate across teams using D360. • Configure key data required by D360, such as hierarchies and measures. • Adjust data in the forecast using the Demand Worksheet. • Apply overrides at different levels in the hierarchies. • Aggregate and disaggregate data. • Configure D360 worksheets.	Project Team members and end users	1 day
Replenishment			
4247: Fulfillment	After completing this course, learners will be able to: • Explain the role of Fulfillment in the supply chain planning flow. • Explain the benefits and capabilities of Fulfillment. • Navigate through the SCPO platform user interface to access different functionalities. • View and evaluate a time-phased replenishment plan on the Plan Analysis and Replenishment Dashboard page. • Describe the key elements of a distribution network that control how replenishments are calculated. • Select the appropriate parameters to control the way total demand is calculated. • Select the appropriate parameters to control replenishments and safety stock requirements. • Explain the purpose of the constrained plan and where it occurs in the supply chain planning process. • View a constrained plan generated by Fulfillment on the Plan Analysis page. • Explain how slow mover logic in Fulfillment addresses the challenges of planning slow-moving stock keeping units.	Project Team members and end users	3 days

4215: Order Optimization	After completing this course, learners will be able to: • Describe the key features and functionality of Order Optimization. • Review due orders, modify suggested order quantity for the orders, and approve due orders. • Describe how Order Optimization calculates suggested order quantities and creates orders that meet vendor minimums and truckload constraints. • Create supplemental orders and incorporate them into vendor orders. • Calculate vendor orders in a constrained supply situation. • Explain the concept of project optimized orders. • Set up order groups and review and approve order group orders. • Describe the forward buy functionality. • Create an auto approval profile.	Project Team members and end users	2 days
4249: Dynamic Allocation	After completing this course, learners will be able to: • Explain how Dynamic Allocation integrates into Fulfillment solution capabilities. • Describe the types of need variables and their purposes. • Create need variables (base and derived) and allocation profiles. • Calculate, review, approve, and release allocations. • Set up and run allocations using features such as prepacks and waved allocations. • Generate supplemental orders for recommended purchase quantities. • Describe the additional configuration required to run Dynamic Allocation.	Project Team members and end users	2 days
4650: Luminate Demand Edge	After completing this course, learners will be able to: • Explain the Luminate Demand Edge data model and algorithm. • Review the Recent Analyses, New Analysis, and Overrides pages in the Luminate Demand Edge workbench. • Explain the effect of influencing factors on a forecast. • Add a new product and run an analysis.	Project Team members and end users	1 day

Retail Planning (SCPO) Course Details

4625: Demand

Course Objectives

After completing this course, learners will be able to:

- Explain the key forecasting techniques in demand planning.
- Explain the purpose of the key processes run in demand planning.
- Use a Compound Workspace to view data on multiple pages on a single screen.
- Configure the Demand Workbench based on your business requirement.
- Identify the history cleansing methods used for accurate demand forecasting.
- Run the history cleansing process to cleanse the history data before generating the forecast.
- Identify the algorithms associated with different forecasting techniques.
- Run the Demand Classification process for a series of products and review the outputs on the Demand Classification Manager page.
- Compare the exceptions in Demand Workbench and take appropriate action.
- Describe the importance of market intelligence in forecasting.
- Identify the factors that affect forecast accuracy.
- Explain the process of reviewing forecast performance data.
- Describe the roles and responsibilities of a demand planner.

Audience

Project Team members and end users

Prerequisites

No prerequisites are required for this course.

Duration

3 days (in-person or virtual)

Training Level

Beginner and intermediate

Lesson	Learning Objectives	Duration
01: Overview of Demand	After completing this lesson, learners will be able to: • Describe the benefits of forecasting demand. • Identify the components of a Demand Forecasting Unit (DFU). • Explain the key forecasting techniques in demand planning. • Illustrate the demand planning cycle. • Describe the key steps in the demand planning cycle.	1 hour

02: Introduction to Demand System Architecture and Database Tables	After completing this lesson, learners will be able to: • Identify the key input and output tables. • Explain the purpose of the key processes run in demand planning. • Review the forecast data on DFU and DFUMAP pages. • Outline the process of: ➢ Reviewing and validating history data. ➢ Calculating and reviewing forecast data at all levels. ➢ Comparing and reconciling forecast data.	1.5 hours
03: Demand Navigation	After completing this lesson, learners will be able to: • Describe the three main sections in the user interface of the Demand application. • Identify the key interface elements of the Flexible Editor (FE) page. • Explain the functions of the Search field in the user interface. • Explain the different business functions that can achieved using the Flexible Editor page. • Use the Filter function in the Flexible Editor page to run a secondary search for the desired data. • Use Compound Workspace to view data on multiple pages on a single screen.	1 hour
04: Demand Workbench	After completing this lesson, learners will be able to: • Describe the features and functionality of Demand Workbench. • View the desired DFUs in Demand Workbench based on a search criteria. • Configure Demand Workbench based on your business requirement.	2 hours
05: Basic History Cleansing	After completing this lesson, learners will be able to: • Explain the significance of history cleansing. • Identify the history cleansing methods used for accurate demand forecasting. • Explain the two history cleansing methods used in demand planning. • Run the history cleansing process to cleanse the history data before generating the forecast.	0.5 hours
06: Forecasting Techniques	After completing this lesson, learners will be able to: • Explain the different forecasting techniques used in demand planning. • Identify the algorithms associated with different forecasting techniques. • Compare algorithms to justify their appropriate usage in demand planning.	2 hours

07: Demand Classification	After completing this lesson, learners will be able to: • Describe the purpose of demand classification. • Locate the position of demand classification step in demand planning. • Illustrate the three stages of demand classification. • Identify the products that require demand classification. • Explain the three stages in the Demand Classification process. • Run the Demand Classification process for a series of products and review the output in the Demand Classification Manager page.	1 hour
08: Moving Average Algorithm	After completing this lesson, learners will be able to: • Explain the Moving Average algorithm technique used to generate a stable forecast. • Use the Moving Average algorithm to calculate forecast in the Demand Worksheet Draft page.	1.75 hour
09: Fourier Algorithm	After completing this lesson, learners will be able to: • Define the components of a time series model. • Describe the key model parameters for the Fourier algorithm. • Fine-tune the Fourier algorithm in the system.	1.5 hours
10: Lewandowski Algorithm	After completing this lesson, learners will be able to: • Describe the key Lewandowski algorithm parameters. • Use the Lewandoski algorithm based on different business cases to generate forecasts. • Identify statistical error measurements.	1.25 hours
11: AVS-Graves Algorithm	After completing this lesson, learners will be able to: • Explain the functions of AVS-Graves algorithm in demand forecasting. • Describe the key AVS-Graves algorithm parameters. • Adjust the forecast using AVS-Graves algorithm based on sales pattern in the system. • Identify the standard errors.	1 hour
12: Seasonality Manager	After completing this lesson, learners will be able to: • Describe the concept of seasonality in sales. • Explain the functions of Seasonality Manager tool. • Outline the steps to manage seasonality libraries. • Create a seasonality profile. • Attach a seasonal profile with a DFU.	1 hour

13: Managing Exceptions	After completing this lesson, learners will be able to: • Identify the position of demand exception management task in the demand planning cycle. • State the purpose of exception management. • Explain the system-generated exceptions to identify potential model problems. • Interpret the exception graphs. • View exceptions for all the DFUs. • Compare the exceptions in Demand Workbench and take appropriate action.	2.5 hours
14: Market Intelligencer	After completing this lesson, learners will be able to: • Describe the importance of market intelligence in forecasting. • Describe the forecast types • Explain the importance of overrides in forecasting. • Apply overrides in demand planning. • Explain the function of Data-Driven Events in forecasting. • Explain the mean value adjustments for forecasts. • Explain the functions of the Target feature in Demand application. • Explain the usage of forecast locks in demand planning.	4 hours
15: Product Lifecycle Management	After completing this lesson, learners will be able to: • Describe the key features used in forecasting new products. • Explain the ways of managing product lifecycle.	2.5 hours
16: Evaluating Forecast Performance	After completing this lesson, learners will be able to: • Identify the factors that affect forecast accuracy. • Describe the purpose of measuring forecast accuracy. • Explain the process of reviewing forecast performance data. • Explain how to conduct a flexible editor-based forecast performance analysis.	1.25 hours

17: Day in a Life— Forecasting Document	After completing this lesson, learners will be able to: • Describe the roles and responsibilities of a demand planner. • List the different activities scheduled for generating forecast from history data. • List the demand planner activities that are performed at the beginning and end of demand planning cycle. • Outline the approach for managing system generated demand exceptions.	1 hour
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After completing the 3-day ILT, you will be provided with access to additional elective lessons and downloadable resources for self-study.

Hands-on Exercises: This course contains hands-on exercises for practicing the tasks covered in the lessons.

Note: The hands-on exercises will be practiced during the training sessions with the help of the instructor.



4166: Demand 360

Course Objectives

After completing this course, learners will be able to:

- Create accurate demand forecasts and collaborate across teams using D360.
- Configure key data required by D360, such as hierarchies and measures.
- Adjust data in the forecast using the Demand Worksheet.
- Apply overrides at different levels in the hierarchies.
- Aggregate and disaggregate data.
- Configure D360 worksheets.

Audience

Project Team members and end users

Prerequisites

No prerequisites are required for this course

Duration

1 day (in person or virtual)

Training Level

Intermediate and advanced

Lesson	Learning Objectives	Duration
01: Introduction to Demand 360	After completing this lesson, learners will be able to: • State the features and benefits of Demand 360. • Describe the Demand Worksheet. • List the two modes of deployment of Demand Worksheet.	2 hours
02: Exploring Training Environment Data	After completing this lesson, learners will be able to: • Review the data modelling and setup of the Demand Forecasting Units (DFUs) in the training environment. • Explain the various features and functionalities of Demand Worksheet.	1 hour
03: Demand 360 Building Blocks	After completing this lesson, learners will be able to: • Explain the Hierarchy Manager page settings. • Review the hierarchy level setup for product and location in the Hierarchy Manager page. • Explain the importance of measures in reviewing demand data. • Explain the types of measures. • Review the measures configured in the Measure Manager page.	2 hours

04: Exploring the Demand Worksheet	After completing this lesson, learners will be able to: • Review Demand Worksheet configuration. • Outline the high-level steps to set up the Demand Worksheet. • Configure the Demand Worksheet instance.	3 hours
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Hands-on Exercises: This course contains hands-on exercises for practicing the tasks covered in the lessons.

Note: The hands-on exercises will be practiced during the training sessions with the help of the instructor.



4247: Fulfillment

Course Objectives

After completing this course, learners will be able to:

- Explain the role of Fulfillment in the supply chain planning flow.
- Explain the benefits and capabilities of Fulfillment.
- Navigate through the SCPO platform user interface to access different functionalities.
- View and evaluate a time-phased replenishment plan on the Plan Analysis and Replenishment Dashboard page.
- Describe the key elements of a distribution network that control how replenishments are calculated.
- Select the appropriate parameters to control the way total demand is calculated.
- Select the appropriate parameters to control replenishments and safety stock requirements.
- Explain the purpose of the constrained plan and where it occurs in the supply chain planning process.
- View a constrained plan generated by Fulfillment on the Plan Analysis page.
- Explain how slow mover logic in Fulfillment addresses the challenges of planning slow-moving stock keeping units.

Audience

Project Team members and end users

Prerequisites

No prerequisites are required for this course.

Duration

3 days (in person or virtual)

Training Level

Intermediate and advanced

Lesson Name	Learning Objectives	Duration
01: Overview of Fulfillment	After completing this lesson, learners will be able to: • Explain the role of Fulfillment in the supply chain planning flow. • Describe the benefits of time-phased replenishment planning. • Explain time-phased planning in a multi-echelon network. • List some of the capabilities of Fulfillment. • Identify the additional modules offered by Fulfillment.	2 hours

02: Fulfillment Navigation	After completing this lesson, learners will be able to: • Navigate through the SCPO platform user interface to access different functionalities. • Retrieve and display data using searches. • Review data in a Flexible Editor page. • Populate data in a Compound Workspace.	2 hours
03: Viewing a Time-Phased Replenishment Plan	After completing this lesson, learners will be able to: • Describe how Replenishment Dashboard helps a planner proactively assess inventory positions at an aggregate level. • Explain how to review the replenishment plan for an individual stock keeping unit in the Replenishment Dashboard. • Explain a sample planner workflow.	2 hours
04: Key Inputs to the Replenishment Plan	After completing this lesson, learners will be able to: • Explain how a distribution network is structured. • Explain the key demand and supply data that serves as an input to generate a replenishment plan. • Describe the basic calculate plan logic and how it generates replenishment quantities for a stock keeping unit. • Review a time-phased replenishment plan in the Plan Analysis page.	3.5 hours
05: Controlling Total Demand	After completing this lesson, learners will be able to: • Describe the various components that make up total demand. • Describe key parameters used to calculate independent demand. • Describe how allocation and proration help with accuracy of planning. • Explain how forecast adjustment helps the plan adjust to account for customer orders. • Calculate a plan using demand reduction. • Select the appropriate parameters to control the way total demand is calculated. • Create supplemental orders and describe their impact on a plan.	2 hours

06: Planning Rules	After completing this lesson, learners will be able to: • Define the key parameters that control replenishment frequency and quantity. • Define the key parameters used to limit replenishments. • Describe the various types of calendars used by Fulfillment to determine replenishment dates. • Create and apply an Arrival/Shipping calendar. • Describe the different periods of the planning horizon and how replenishments are handled within these different time frames.	2 hours
07: Controlling the Safety Stock Goal	After completing this lesson, learners will be able to: • Explain the purpose of safety stock. • List the parameters available for controlling safety stock coverage. • Compare the various safety stock rules. • Create a safety stock template.	2.5 hours
08: Working with the Constrained Plan	After completing this lesson, learners will be able to: • Explain the purpose of the constrained plan and where it occurs in the supply chain process. • Explain various deployment concepts. • Describe the most common deployment strategies available in Fulfillment. • List some of the additional features that can be used to control deployment logic. • Explain the Plan Analysis projections used to evaluate the constrained plan.	3 hours
09: Planning Slow Movers	After completing this lesson, learners will be able to: • Explain how Fulfillment's slow mover logic addresses the challenges of planning slow-moving stock keeping units. • Configure slow mover logic in the unconstrained and constrained plans. • Explain how Fulfillment's deployment logic assists with managing slow moving stock keeping units.	2.5 hours
10: Exceptions	After completing this lesson, learners will be able to: • Discuss how exceptions fit into a sample planner workflow. • Explain how to review stock keeping units exceptions in a variety of Flexible Editor pages. • Discuss how to customize stock keeping unit exceptions.	2.5 hours

Hands-on Exercises: This course contains hands-on exercises for practicing the tasks covered in the lessons.

4215: Fulfillment Order Optimization

Course Objectives

After completing this course, learners will be able to:

- Describe the key features and functionality of Order Optimization.
- Review due orders, modify suggested order quantity for the orders, and approve due orders.
- Describe how Order Optimization calculates suggested order quantities and creates orders that meet vendor minimums and truckload constraints.
- Create supplemental orders and incorporate them into vendor orders.
- Calculate vendor orders in a constrained supply situation.
- Explain the concept of project optimized orders.
- Set up order groups and review and approve order group orders.
- Describe the forward buy functionality.
- Create an auto approval profile.

Audience

Project Team members and end users

Prerequisites

No prerequisites are required for this course.

Duration

2 days (in person or virtual)

Training Level

Intermediate and advanced

Lesson Name	Learning Objectives	Duration
01: Order Optimization—an Overview	After completing this lesson, learners will be able to: • Explain how planning activities are performed in a multi-echelon network. • Identify the various challenges that a buyer might face when placing vendor orders and how the Order Optimization solution helps address those challenges. • Describe the overall functionality of the Order Optimization solution.	1 hour
02: Reviewing and Approving Due Orders	After completing this lesson, learners will be able to: • Review the Order Optimization Dashboard and identify due orders awaiting review and approval. • Modify suggested order quantity. • Approve due orders.	2 hours

03: Calculating Vendor Orders in Order Optimization	After completing this lesson, learners will be able to: • Establish an order cycle with an order review calendar. • Describe how Order Optimization calculates a suggested order quantity. • Describe how Order Optimization determines if an order is due. • Discuss order exceptions and their causes. • Discuss how Order Optimization creates orders that meet vendor minimums and truckload constraints.	5 hours
04: Specialized Ordering Scenarios	After completing this lesson, you will be able to: • Identify various ordering scenarios. • Explain how to use the Order Optimization solution to manage these scenarios.	3 hours
05: Projecting Optimized Orders	After completing this lesson, learners will be able to: • Describe the benefits of projecting optimized orders. • Review projected orders on the Plan Analysis page and the corresponding Flexible Editor pages.	1 hour
06: Order Groups in Order Optimization	After completing this lesson, learners will be able to: • Describe and set up order groups. • Review and approve order group orders.	2 hours
07: Forward Buying in Order Optimization	After completing this lesson, learners will be able to: • Set up deals for stock keeping units using the DealSKU table. • Explain how discounts and price increases work. • Describe how the forward buy functionality will assist a buyer with potential investment buying.	1 hour
08: Setting Up Auto Approval	After completing this lesson, learners will be able to: • Explain auto approval functionality in Order Optimization. • Set up an auto approval profile containing criteria that will determine if an order is eligible for auto approval.	1 hour

Hands-on Exercises: This course contains hands-on exercises for practicing the tasks covered in the lessons.

4249: Dynamic Allocation

Course Objectives

After completing this course, learners will be able to:

- Explain how Dynamic Allocation integrates into Fulfillment solution capabilities.
- Describe the types of need variables and their purposes.
- Create need variables (base and derived) and allocation profiles.
- Calculate, review, approve, and release allocations.
- Set up and run allocations using features such as prepacks and waved allocations.
- Generate supplemental orders for recommended purchase quantities.
- Describe the Dynamic Allocation setup requirements

Audience

Project Team members and end users

Prerequisites

No prerequisites are required for this course.

Duration

2 days (in person or virtual)

Training Level

Beginner and Intermediate

Lesson Name	Learning Objectives	Duration
01: Dynamic Allocation—an Overview	After completing this lesson, learners will be able to: • Explain how Dynamic Allocation integrates into Fulfillment solution capabilities. • Describe a basic user workflow using Dynamic Allocation. • Discuss the key advanced features of Dynamic Allocation.	2 hours
02: Creating Need Variables	After completing this lesson, learners will be able to: • Describe the purpose of need variables and how they are used by Dynamic Allocation. • Create base and derived need variables.	3 hours

03: Working with Allocation Profiles and Allocation Sets	After completing this lesson, learners will be able: • Create allocation profiles. • Add attributes to allocation profiles. • Create allocation sets. • Create a destination search.	3 hours
04: Calculate, Review, and Approve Allocations	After completing this lesson, learners will be able to: • Navigate through the Allocation Workbench - Review page. • Calculate and review allocations. • Approve and release allocations. • Review the Dynamic Allocation RecShips.	2 hours
05: Dynamic Allocation—Advanced Features	After completing this lesson, learners will be able to: • Set up and calculate allocations for a prepack supply. • Create an alternate data collect. • Set up and run a waved allocation. • Describe a business case for multi-tiered allocations.	3 hours
06: Using Dynamic Allocation to Purchase New Products	After completing this lesson, learners will be able to: • Provide an overview of using Dynamic Allocation to purchase new products. • Review the steps involved in the purchasing process flow. • Explain the purpose of wave templates and how they assist a planner with purchasing quantities of product in Dynamic Allocation.	2 hours
07: Setting Up Dynamic Allocation	After completing this lesson, learners will be able to: • Describe the Dynamic Allocation setup requirements. • Describe the calculate aggregations, calculate need, and calculate allocations processes. • List key output tables that hold Dynamic Allocation results.	1 hour

Hands-on Exercises: This course contains hands-on exercises for practicing the tasks covered in the lessons.

4650: Luminate Demand Edge

Course Objectives

After completing this course, learners will be able to:

- Explain the Luminate Demand Edge data model and algorithm.
- Review the Recent Analyses, New Analysis, and Overrides pages in the Luminate Demand Edge workbench.
- Explain the effect of influencing factors on a forecast.
- Add a new product and run an analysis.

Audience

Project Team members and end users

Prerequisites

No prerequisites are required for this course.

Duration

1 day

Training Level

Intermediate and Advanced

Lesson Name	Learning Objectives	Duration
01: Luminate Demand Edge—Introduction	After completing this lesson, learners will be able to explain the Luminate Demand Edge data model and algorithm.	2 hours
02: Luminate Demand Edge—User Interface Navigation	After completing this lesson, learners will be able to: • Review the Recent Analyses, New Analysis, and Overrides pages in the Luminate Demand Edge workbench. • Review KPIs and Exceptions on Dashboard.	2 hours
03: Luminate Demand Edge—Interpreting the Forecast	After completing this lesson, learners will be able to: • Explain the effect of influencing factors on a forecast. • Interpret Luminate Demand Edge demand predictions.	2 hours
04: Workflows	After completing this lesson, learners will be able to: • Add a new product and run an analysis. • Discontinue the forecast of a product. • Evaluate the forecast for seasonal products. • Override a forecast.	2 hours

Hands-on Exercises: This course contains hands-on exercises for practicing the tasks covered in the lessons.

