TIME SERIES BASED CONSTRAINT SUPPLY PLANNING WITH SAP IBP

- Overview of Time Series Supply Planning w/ Optimizer
  -Role of Optimizer in Tactical and Operational Planning
  -Key capabilities of Optimizer and constraints
  -Describe Data Models
  -Run optimizer and analyze results
- Production
  -Generating a production plan
  -Understand parameters, costs and key figures related to production
  -Modeling Capacity and alternate production
  - Run Optimizer and analyze results
- Demand and Fulfillment
  -Understand Demand and related levels within IBP
  -Modeling Demand Priority and Lateness
  -Understand parameters, costs and key figures related to Demand and fulfillment metrics
  -Run optimizer and analyze results
- Inventory
  -Explain Target Inventory and Lot-Size policies
  -Understand parameters, costs and key figures related to Inventory Target
  -Explain projected stocks and optimizer results
- Distribution
  -Model Storage Constraints
  -Model Multiple Modes of Transport
  -Model Push production using Min Resource Utilization
  -Understand parameters, costs and key figures related to distribution
  -Run optimizer and analyze results
- Fairshare
  -Explain Fairshare concept
  -Model fairshare of Demand, Late Demand, Inventory Target and Holding Inventory
  -Understand parameters, costs and key figures related to Fairshare
  -Run optimizer and analyze results
- Aggregated Constraints
  -Understand advanced concepts using aggregated constraints
  -Push Production and Capacity Leveling w/ Aggregated Production constraints
  -Constraint Distribution Plan w/ Aggregated Transport constraints
  -Understand parameters, costs and key figures related to Aggregated Constraints
  -Run optimizer and analyze results
- Miscellaneous Topics
  -Understand use of Telescopic Planning and use cases
  -Optimizer performance, parallelization and benchmarks
- Additional Topics
  -Understand integration of ERP or S/4HANA inputs and supply plans to ERP or S/4HANA
  -Advanced industry-specific use cases e.g. Shelf-Life, Production Wheel

Notes

- This course, when delivered virtually or in the classroom, will be provided with the most current cloud version of the SAP IBP solution to complete course exercises. The "Course based on software release" identifies the version of the software upon which the course features and functions are based.