

Attendees will learn a structured approach to using DMN. Their knowledge is enhanced by using a Cloud-based software tool to provide hands-on practice.

The Decision Model and Notation is a standard for decision modeling and provides a graphical notation for specifying business decisions. This course teaches the basics of developing a graphical definition of decision requirements that stands alone or complements process models.

The Decision Model and Notation (DMN) is the Object Management Group's standard for decision modeling. Designed as a peer to BPMN, it provides a graphical notation for specifying decisions so that decision making can be modeled separately from business processes, resulting in simpler and more manageable business process. DMN allows both technical users and business users to describe, model and manage decision-making by providing a notation that is intuitive to business users yet able to represent complex decision making. DMN also provides a

mapping between the graphics of the notation to the underlying constructs of execution environments such as business rules management systems and predictive analytic environments.

The primary goal of DMN is to provide a standard notation that is readily understandable by all business stakeholders. These business stakeholders include the business analysts who also define business processes and business rules, the technical developers responsible for implementing business rules or analytic models, and the business managers who monitor and manage decision-making. DMN serves as a common language to bridge the communication gap that frequently occurs between business process design and business rules implementation.

This course starts with the definition of DMN and an outline of the principles behind its design. It then explains the elements required for modeling decision requirements and shows how to build decision requirement diagrams. The remaining elements of DMN, those required for specifying decision logic, are introduced and discussed. Students are presented exercises and required to bring a laptop – they will use a cloud-based, DMN modeling tool to create the exercise answers.

WHO SHOULD ATTEND:

- Business Analysts
- Business Architects
- Business Rules Analysts
- Software Architects
- Process Designers

COURSE OUTLINE:

- Overview of DMN
 - Definition
 - Overview of DMN Elements
 - The Decision Requirements Diagram
 - Three levels of DMN
- Decision Requirement Diagrams
 - Decisions, Information, Knowledge
 - Decomposing Decisions
 - Exercises
- Decision Logic Specification
 - Decision Tables
 - Expression Language
 - Additional Considerations
- Summary

RECOMMENDED PREREQUISITES:

- **DECISION MANAGEMENT AND BUSINESS RULES 101**

“Incredibly informative and content-rich. Broadened my understanding and appreciation of the power of decision modeling, particularly around the recently adopted DMN standard.” – U.S. Army

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