

Developing Decision Services in IBM Operational Decision Manager-I

Duration: 2 Days **Course Code: WB406G** **Delivery Method: Company Event**

Overview:

This course teaches developers how to design and develop decision services with IBM Operational Decision Manager 8.11.1. The course begins with an overview of Operational Decision Manager, which is composed of two main environments: Decision Server for technical users and Decision Center for business users. The course outlines the collaboration between development and business teams during project development. Through hands-on exercises, you learn how to design decision services and implement object models in Rule Designer. You learn how to support business users by setting up the rule authoring environment. And you enable rule testing and simulation so business users can ensure that their rulesets produce the correct outcome. The lab environment for this course uses Windows Server 2019 Standard.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

This course is designed for developers.

Objectives:

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| ■ After completing this course, you should be able to: | ■ Exercise 1. Operational Decision Manager in action |
| ■ Describe the benefits of implementing a decision management solution with Operational Decision Manager | ■ Exercise 2. Setting up decision services |
| ■ Identify the key user roles that are involved in designing and developing a decision management solution, and the tasks that are associated with each role | ■ Exercise 3. Working with ruleflows |
| ■ Describe the development process of building a business rule application and the collaboration between business and development teams | ■ Exercise 4. Working with the BOM |
| ■ Set up the Business Object Model (BOM) and vocabulary for rule authoring | ■ Exercise 5. Refactoring |
| ■ Implement the Execution Object Model (XOM) that enables rule execution | ■ Exercise 6. Exploring action rules |
| ■ Orchestrate rule execution through ruleflows | ■ Exercise 7. Authoring action rules |
| ■ Author rule artifacts to implement business policies | ■ Exercise 8. Authoring decision tables |
| ■ Set up and customize rule validation for business users to ensure | ■ Exercise 9. Enabling rule validation |

Prerequisites:

Before taking this course, you should have:

- Experience with the Java programming language and object-oriented concepts

Content:

■ Course introduction	■ Unit 4. Orchestrating ruleset execution	■ Exercise 6. Exploring action rules
■ Unit 1. Introducing IBM Operational Decision Manager	■ Exercise 3. Working with ruleflows	■ Exercise 7. Authoring action rules
■ Exercise 1. Operational Decision Manager in action	■ Unit 5. Developing object models	■ Exercise 8. Authoring decision tables
■ Unit 2. Developing decision services	■ Exercise 4. Working with the BOM	■ Unit 7. Enabling tests and simulations
■ Exercise 2. Setting up decision services	■ Exercise 5. Refactoring	■ Exercise 9. Enabling rule validation
■ Unit 3. Programming with business rules	■ Unit 6. Authoring rules	■ Course summary

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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