Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Developing Solutions with IBM Decision Server Insights V8.10

CODE:	LENGTH:	PRICE:
WB403G	32 Hours (4 days)	£2,600.00

Description

This course is also available as self-paced virtual (e-learning) course Developing Solutions with IBM Decision Server Insights V8.10 (ZB403G). This option does not require any travel.
In this course, you learn about the main features of the Decision Server Insights component of IBM Operational Decision Manager V8.10.
Decision Server Insights combines rules and events on a highly available platform. By using Decision Server Insights, you can build applications that make decisions in near real-time and in situational contexts. You experience how to use time-based reasoning and location-based reasoning to build a real-world solution that detects and responds to business situations. You also learn the key capabilities of the multi-agent architecture of Decision Server Insights by developing several agents that are bound to a single entity for different purposes.
This course focuses on solution development, deployment, testing, and administration. You learn how to implement the business logic that detects business situations and uses situational context to decide and take the next best action.
The course begins with an overview of the programming model for Decision Server Insights and the architecture for the Decision Server Insights runtime environment. You learn how to design a Decision Server Insights solution, model the business entities and events that you care about, and implement the business logic. You work with a realistic test client to test the behavior of your implementation after deployment.
The course also covers administration topics, including installation, configuration of the Decision Server Insights reference topology, solution deployment in a grid environment, and grid administration.

Objectives

After completing this course, you should be able to:

- Describe the Decision Server Insights programming model and architecture
- Design and create a Decision Server Insights solution
- Define the business model for the events, entities, and concepts that are relevant to your domain
- Work with aggregates for calculations across events
- Implement business logic with rule agents and rules to detect and respond to business situations
- Deploy solutions to the Insight Server runtime and test runtime behavior
- Explain Decision Server Insights integration capabilities
- Install, configure, and administer a Decision Server Insights grid environment

Audience

This course is designed for developers.

Prerequisites

Before taking this course, you should have:

- Experience with the Java programming language and object-oriented concepts
- Basic knowledge of Extensible Markup Language (XML)
- Basic knowledge of the WebSphere Application Server Liberty profile
- Familiarity with the Representational State Transfer (REST) architectural style
- Familiarity with WebSphere eXtreme Scale

Programme

- Introducing IBM Decision Server Insights
- Exercise: Getting started with Decision Server Insights
- Designing Decision Server Insights solutions
- Exercise: Creating a solution in Insight Designer
- Creating the business model
- Exercise: Defining the business model
- Authoring the business logic
- Exercise: Creating a rule agent
- Exercise: Writing and testing rules
- Working with aggregates
- Exercise: Using event and shared aggregates in rules
- Exercise: Testing for the absence of events
- Testing solutions
- Exercise: Testing solutions
- Modeling and defining connectivity
- Exercise: Defining connectivity
- Integrating Decision Server Insights
- Configuring Insight Server
- Exercise: Installing Decision Server Insights
- Exercise: Configuring Decision Server Insights
- Managing deployment
- Exercise: Deploying solutions
- Administering Decision Server Insights
- Exercise: Administering Decision Server Insights
- Course summary

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.