

## Developing Solutions with IBM Decision Server Insights V8.10

**Course#:**ZB403G  
**Duration:**4 Days  
**Price:**0.00

### Course Description

This course is also available as classroom course Developing Solutions with IBM Decision Server Insights V8.10 (WB403G).

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.

For information about other related courses, see the IBM Training website:

[ibm.com/training](http://ibm.com/training)

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Learning Journeys that reference this course:

IBM Operational Decision Manager (ODM) V8.10, V8.9.2, and V8.9

## **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

## **Content**