Mastering Unit Testing in Decisions

This course is designed to equip learners with practical knowledge of unit testing using the Decisions platform and encourage the adoption of strong testing practices.

The training consists of video lessons followed by training challenges and comprehensive knowledge check quiz and a practice project.

Following is the course outline for the training program.

The course is structured into four modules:

1. Introduction to Testing
   a) Significance of software testing
   b) Types of software testing
   c) Overview of unit testing
   d) Overview of functional testing
   e) Overview of Integration testing
   f) Overview of end-to-end testing
   g) Testing pyramid
   h) Own your solutions

2. Test Case Development
   a) Test case overview
   b) Test case development guidelines
   c) Code coverage

3. Unit Testing in Decisions
   a) Unit testing in Decisions platform
   b) Create your first unit test
   c) Understanding Unit test input data sources
   d) Unit test – Rule
   e) Unit Test – Flow

4. Unit Testing Beyond Basics

   a) Handling external dependencies
   b) Test automation & reporting
   c) DRY – Principle
   d) One Flow One Responsibility principle
   e) Need for Test driven development (TDD)
   f) TDD & it's benefit
   g) TDD In action