

# Automated Testing

## Course Description

The course covers automated testing using the framework Behave. It is divided into two parts where the first one is intended for Testers (Planners) and focuses on different aspects on testing and how one can write test cases using the Gherkin language. The second half is intended for Developers and gives an understanding of the framework, it will also cover how one can extend the framework with new test types. For the first part there are no prerequisites, for the second half the prerequisite is Python in Studio.

### *Audience:*

Testers (Planners)  
and Developers

### *Required Background & Skills:*

None

Minimum 12 months real life programming experience & knowledge about the Airline Business side.

### *Prerequisites:*

None (for the first half of the course)

Python in Studio (for the second half of the course)

### *Duration:*

1 day

### *Course goals:*

The course gives you an extensive understanding of the Behave testing framework. After completing the course you will be able to:

- Run tests and take appropriate action
- Write new tests
- Specify new functionality using TDD (Test Driven Development)

After completing the second half of the course, you will also be able to:

- Understand the technical framework
- Maintain, update and write new tests types

### *Course topics:*

Software testing

Introduction to Gherkin

Studio Framework Introduction  
Gherkin Strategy

Studio Framework – Techy  
Test Type Details  
Best Practice  
Next Step – Automation