

Continuous Delivery Pipelines Course Prospectus

Purpose

Learn how to organise your software development, from writing new code to releasing new software, in one efficient Continuous Delivery Pipeline. A short course to get started with sound principles and essential techniques for your Deployment Pipeline.

Objectives

- Get the knowledge and confidence to build, and use, a Continuous Delivery Pipeline to organise your software development efforts, to move quickly and reliably, from “*idea to valuable software in the hands of users*”.
- Adopt a continuous improvement approach to includes all steps from new code to a deployable release, including: all tests, fast feedback, automation, and the ability to deploy into production.
- Develop ideas about how to optimise your Continuous Delivery Pipeline, to reduce your software production time by at least 50%
- Create a Continuous Delivery Deployment Pipeline that optimises for learning, amplifies your skills and empowers your development team.

Course Content

The Continuous Delivery Pipeline is a ‘machine’ for organising the whole software development process. The Deployment Pipeline helps us to create Better Software Faster by working efficiently and applying the proven, effective techniques of Continuous Delivery.

The course starts with a recap of the seven essential techniques needed to implement, and get the benefits of, Continuous Delivery, and concludes with a case study of the impressive LMAX Pipeline.

The lessons comprise:

[The Benefits of the Continuous Delivery Pipeline](#)

[What is Included in a CD Pipeline](#)

[How to Build your first CD Pipeline.](#)

[The LMAX Case Study](#)

[A practical exercise to apply the lessons to building and enhancing a new Continuous Delivery Pipeline.](#)