The aim of this course is to demonstrate how data analytics tools can be optimised to develop internal audit solutions. It introduces a number of advanced and multivariate data analysis methods. It encompasses the background, rationale, practical application and interpretation, using step by step explanations in respect to data analytics. Participants will develop knowledge of that will enhance their ability to understand, evaluate and draw informed conclusions from the complex analyses and to encourage their skills to analyse existing datasets in alternative ways. The course will cover the following topics and concepts from an audit perspective:

- Continuous monitoring
- Continuous auditing
- Automated test procedures
- Exception reporting

Upon successful completion of the training, participants should be able to use a suite of methods, as well as specialised software for analysis of common multivariate data scenarios.