INTRODUCTION TO SOFTWARE DEVELOPMENT PROCESSES & TECHNIQUES

3 Day Course

This course will help you understand software systems for business delivery, It explores business needs, requirement analysis, design, construction, evaluation, transition to use and support.

It is intended to improve your understanding of the latest development, management frameworks, approaches and techniques.

This benefits of this course is it gives you a toolbox of understanding and thinking so that you can confidently navigate the life-cycle of software delivery for business systems.

WHO WOULD BENEFIT FROM THE COURSE?

This course is suitable for people seeking to gain a broad cross-discipline understanding of how solutions are conceived, developed and maintained. It balances business, technical and management perspectives.

- Business managers, team members and solutions analysts
- Business change specialists and managers
- Business and technical solution developers

LEARNING APPROACH

The course is comprised of interactive discussions, discovery learning experiences, and includes Q and A sessions, quizzes, practice opportunities for applying development and support methods, and case study workshops. There will be opportunities for discussion of relevant workplace issues, concerns and lessons learnt.This course is well suited to use within organisations, on an onsite basis in either a standard or customised version.

WHAT DOES THE COURSE COVER?

Fundamentals
- Systems Thinking
- Software Engineering
- Models and Diagrams
- People and Teams
- Investment in Technology
- Risk, Issues & Decisions
- Solution Development
- Dependable Systems

Technical Processes
- Analysis & Requirements
- Design
- Construction
- Verification & Validation
- Integration
- Transition
- Support & Maintenance
- DevOps

Agile Development
- Digital Transformation
- Agile Fundamentals
- Agile Methods
- Lean & Kanban
- Agile Frameworks
- DSDM Agile Processes
- DSDM Agile Products
- DSDM Agile Adoption

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