

## Advanced Techniques in Requirements Analysis

*Malaga (Spain)*

*22 - 26 July 2024*

UK Training

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## Advanced Techniques in Requirements Analysis

Code: PM28 From: 22 - 26 July 2024 City: Malaga (Spain) Fees: 4700 Pound

### Introduction

Welcome to the "Advanced Techniques in Requirements Analysis" course. In today's rapidly evolving technological landscape, the ability to accurately analyze and define requirements is crucial for the success of any project. This course is designed to equip professionals with the most modern and advanced methodologies for requirements analysis, ensuring that they can meet the dynamic needs of stakeholders and deliver projects that exceed expectations. Over five intensive days, participants will gain deep insights into the latest tools, techniques, and best practices in the field.

### Objectives

- Understand the importance of requirements analysis in the project lifecycle.
- Utilize advanced techniques for eliciting, documenting, and validating requirements.
- Apply modern tools and methodologies for effective requirements management.
- Analyze and prioritize requirements to align with business goals and stakeholder expectations.
- Identify and mitigate common challenges and risks in requirements analysis.
- Develop clear and actionable requirement specifications that drive successful project outcomes.

### Course Outline

#### Day 1

##### Introduction to Requirements Analysis

- Overview of Requirements Analysis
  - Importance and Benefits
  - Role in the Project Lifecycle
- Types of Requirements
  - Functional vs. Non-Functional
  - Business, User, and System Requirements
- Stakeholder Identification and Analysis
  - Techniques for Identifying Stakeholders
  - Understanding Stakeholder Needs and Expectations

#### Day 2

##### Elicitation Techniques

A graphic of a chessboard with several chess pieces (a king, a pawn, and a knight) on it, set against a background of concentric circles. The text 'UK Training PARTNER' is overlaid on the right side of the board.

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- Elicitation Methods
  - Interviews and Questionnaires
  - Workshops and Focus Groups
  - Observation and Document Analysis
- Advanced Elicitation Techniques
  - Prototyping
  - Use Case Modeling
  - Brainstorming and Mind Mapping

### Day 3

#### Documenting and Validating Requirements

- Requirements Documentation
  - Best Practices for Writing Clear and Concise Requirements
  - Use of Requirements Management Tools
- Validation and Verification
  - Techniques for Ensuring Requirement Accuracy
  - Conducting Requirement Reviews and Inspections
- Creating and Managing Requirement Traceability Matrices

### Day 4

#### Advanced Requirements Management

- Prioritization Techniques
  - MoSCoW Method
  - Kano Model
  - Prioritization Frameworks
- Requirements Change Management
  - Handling Requirement Changes
  - Impact Analysis
  - Version Control

### Day 5

#### Practical Applications and Case Studies

- Real-World Case Studies
  - Analysis of Successful and Unsuccessful Projects
  - Lessons Learned and Best Practices
- Practical Exercises
  - Group Activities and Role-Playing
  - Hands-On Use of Advanced Tools and Techniques
- Final Review and Q&A Session
  - Recap of Key Concepts
  - Addressing Participant Questions and Concerns

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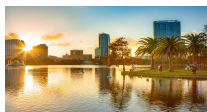


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