BLACKBIRD FOR TRAINING

Advanced Techniques in Requirements Analysis

Rome (Italy)

13 - 17 October 2025

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Advanced Techniques in Requirements Analysis

Code: PM28 From: 13 - 17 October 2025 City: Rome (Italy) Fees: 4200 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

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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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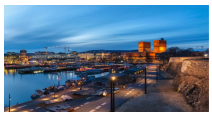
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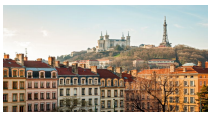
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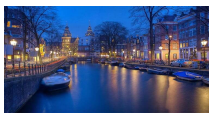
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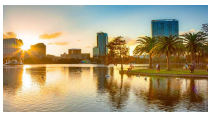
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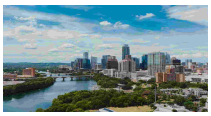
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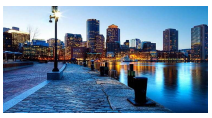
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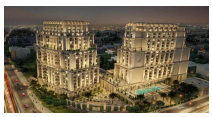
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