



African Governance and Leadership Institute of Corporate Directors

Guiding Governance and Leadership Excellence in Africa

Primavera Risk Analysis Training

Date: 22nd June 2026 to 26th June 2026

Venue: Kampala, Uganda

Build essential scheduling and risk management skills with Primavera Risk Analysis Training Pretoria. Learn to create project schedules, apply critical path analysis, assess risks, and develop mitigation strategies to improve planning accuracy and support effective project delivery.

- Build project planning skills with Primavera P6 Risk Analysis Training
- Understand risk identification, assessment, and basic mitigation strategies

Learn critical path analysis and schedule validation techniques for project control.

This Primavera Risk Analysis is a software tool that provides full-lifecycle cost and schedule risk analytics, enabling project teams to model, mitigate, and manage uncertainties. It uses Monte Carlo simulation to analyze project risks and schedules (P6 or MS Project), offering insights through histograms, scatter plots, and tornado graphs to determine contingency and confidence levels.

Key Features and Capabilities:

- **Monte Carlo Simulation:** Runs thousands of iterations to determine the probability of meeting project finish dates and cost targets.
- **Risk Register Wizard:** Streamlines the creation of risk registers, allowing for qualitative assessment (probability/impact) and quantification.
- **Schedule Check:** Evaluates schedule maturity, identifying issues like constraints or high-risk logic that could impact simulation accuracy.
- **Templated Quick Risk:** Quickly applies risk distributions (triangular, beta, uniform) to activities for rapid assessment.

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www.aglicdtraining.org

Global presence: 22 countries in Africa, Asia, and the Middle East

Training Centers: South Africa, Botswana, Eswatini, Uganda, Tanzania, Rwanda, Ethiopia, Kenya, Ghana, Nigeria, Senegal, Egypt, Morocco, Mauritius, Malawi, Dubai, Singapore, Saudi Arabia, Turkey, and Malaysia- Kuala Lumpur



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- **Risk Mitigation Planning:** Evaluates the effectiveness of proposed risk responses on both cost and schedule.

Common Risk Distributions:

- **Triangular:** Often used as a default when specific data is sparse, using min, most likely, and max values.
- **Beta:** Allows for more nuanced, "skewed" scenarios compared to the triangular distribution.

Key Outputs & Analysis:

- **Tornado Graph:** Identifies which risks have the highest impact on project objectives.
- **Distribution Graph:** Displays the probability of success for specific dates or budgets.
- **Risk Drivers:** Pinpoints the activities and risks contributing most to potential delays.

Common Use Cases:

- **Determining Contingency:** Validating how much cost or time reserve is needed.
- **Confidence Levels:** Calculating the probability of finishing on a certain date (e.g., P80).
- **Cost/Schedule Integration:** Linking cost estimates with schedule risks for a holistic view.

Who Should Attend this Primavera P6 Risk Analysis Course?

This Primavera P6 (Basic) – Schedule & Risk Fundamentals Course is ideal for professionals involved in project planning, scheduling, and risk management who want to strengthen their ability to manage timelines and uncertainties effectively. It is beneficial for:

- Project Planners
- Project Managers
- Engineers
- Schedulers
- Project Coordinators
- Construction Professionals

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What's Included in this Primavera P6 Risk Analysis Course?

- World-Class Training Sessions from Experienced Instructors
- Primavera P6 Risk Analysis Certificate
- Digital Delegate Pack

Hands-On Practical Skills are included as part of our instructor-led delivery; these practical skills provide real-world exercises in a simulated environment guided by expert instructors to enhance your practical skills.



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Primavera P6 Risk Analysis Course Outline

Module 1: Introduction to Scheduling and Risk

- Project Scheduling Basics
- Role of Risk in Project Planning
- Types of Risks (Schedule and Cost)
- Overview of Qualitative Risk Concepts

Module 2: Creating a Project Schedule in Primavera P6

- Creating a New Project
- Work Breakdown Structure (WBS)
- Creating Activities
- Defining Relationships (FS, SS, FF, SF)
- Calendars and Durations

Module 3: Schedule Development and Critical Path

- Critical Path Method (CPM)
- Float (Total & Free Float)

Module 4: Schedule Review and Validation

- Schedule Quality Checks
- Identifying Missing Logic
- Constraints (Best Practices)

Module 5: Three-Point Estimation

- Optimistic, Most Likely, Pessimistic estimates
- Updating Activity Durations in P6

Module 6: Risk Register in Primavera P6

- Risk Identification
- Probability and Impact
- Risk Scoring (Basic)
- Creating UDFs in P6
- Linking Risks to Activities

Module 7: Resource and Cost Basics

- Assigning Resources to Activities
- Basic Cost Assignment

Module 8: Baselines and Scenario Analysis

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