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Global Learning for Operational Leaders



AUDITING AND GOVERNANCE RISK AND COMPLIANCE | AGRC-056

Model Risk Management and Validation

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Course content

Why Attend

Models are used throughout modern organisations to price products, assess credit, value assets, forecast demand, detect fraud and support strategic decisions. Increasingly these include machine learning and artificial intelligence models. When models are poorly designed, misused or not monitored, they can produce costly errors and regulatory breaches.

This Model Risk Management and Validation training course explains how to govern, validate and monitor models across their life cycle. Participants learn how to build a model inventory, tier models by risk, set development and documentation standards, perform independent validation, monitor performance and manage model changes and limitations.

Course Methodology

• The course combines framework discussion with practical validation exercises. Participants tier a sample model inventory, review model documentation, design validation tests, interpret monitoring results and evaluate the governance of an AI model. Case studies illustrate model failures and lessons learned.

Course Objectives

• Explain the sources and consequences of model risk

• Design a model risk management framework and governance

• Build and maintain a model inventory with risk tiering

• Set standards for model development and documentation

• Plan and perform independent model validation

• Monitor model performance and manage limitations

Target Audience

• Model risk managers and validators

• Quantitative analysts and model developers

• Data scientists

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Course content

- Risk managers and chief risk office staff

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Course outline

Detailed course outline

Day-by-day outline for Model Risk Management and Validation.

Day 1 - Understanding Model Risk

- 09:00-09:30 | What counts as a model and why definitions matter
- 09:30-10:30 | Sources of model risk: design, data, implementation and use
- 10:30-11:00 | Consequences of model failure with real examples
- 11:00-11:30 | Coffee break
- 11:30-12:00 | Supervisory expectations for model risk management
- 12:00-12:30 | The model life cycle from development to retirement
- 12:30-13:00 | Roles of owners, developers, users and validators
- 13:00-14:00 | Exercise: identifying models in your organisation

Day 2 - Governance, Inventory and Standards

- 09:00-09:30 | Model risk management policy and governance structure
- 09:30-10:30 | Building a complete model inventory
- 10:30-11:00 | Risk tiering based on materiality and complexity
- 11:00-11:30 | Coffee break
- 11:30-12:00 | Model development standards and documentation
- 12:00-12:30 | Approval processes and use limitations
- 12:30-13:00 | End-user computing tools and spreadsheets
- 13:00-14:00 | Workshop: tiering a sample model inventory

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Day 3 - Independent Model Validation

- 09:00-09:34 | Scope and frequency of validation by tier
- 09:34-10:08 | Conceptual soundness and assumption review
- 10:08-10:42 | Data quality and input testing
- 10:42-11:00 | Benchmarking, back-testing and sensitivity analysis
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Benchmarking, back-testing and sensitivity analysis (continued)
- 11:46-12:20 | Implementation and code review
- 12:20-12:53 | Validation findings, ratings and remediation
- 12:53-14:00 | Exercise: designing a validation plan

Day 4 - Monitoring and Change Management

- 09:00-09:34 | Ongoing performance monitoring and thresholds
- 09:34-10:08 | Model drift, stability and population changes
- 10:08-10:42 | Overrides, overlays and management adjustments
- 10:42-11:00 | Model change control and revalidation triggers
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Model change control and revalidation triggers (continued)
- 11:46-12:20 | Managing model limitations and compensating controls
- 12:20-12:53 | Decommissioning and retiring models safely and traceably
- 12:53-14:00 | Exercise: interpreting a model monitoring report

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Day 5 - AI Models, Reporting and Assurance

- 09:00-09:34 | Specific risks of machine learning and AI models
- 09:34-10:08 | Explainability, bias and fairness testing
- 10:08-10:42 | Governance of third-party and vendor models
- 10:42-11:00 | Model risk reporting and aggregate risk profile
- 11:00-11:30 | Coffee break
- 11:30-11:46 | Model risk reporting and aggregate risk profile (continued)
- 11:46-12:20 | Internal audit of the model risk framework
- 12:20-13:27 | Building validation capability and independence
- 13:27-14:00 | Personal action plan for model risk management

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Seminar dates

Available seminar dates

Live dates and pricing for Model Risk Management and Validation generated from the course details page.

Date	Location	Format	Fee
14 - 18 December 2026	London	Classroom	**€2,915**
21 - 25 December 2026	Barcelona	Classroom	**€2,275**
7 - 11 December 2026	Frankfurt	Classroom	**€2,175**
18 - 22 January 2027	London	Classroom	**€2,915**
25 - 29 January 2027	Barcelona	Classroom	**€2,275**
4 - 8 January 2027	Frankfurt	Classroom	**€2,175**
11 - 15 January 2027	Munich	Classroom	**€2,425**
22 - 26 February 2027	London	Classroom	**€2,915**
1 - 5 February 2027	Barcelona	Classroom	**€2,275**
8 - 12 February 2027	Frankfurt	Classroom	**€2,175**

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Seminar dates

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Date	Location	Format	Fee
15 - 19 February 2027	Paris	Classroom	**€2,810**
1 - 5 March 2027	London	Classroom	**€2,915**
8 - 12 March 2027	Barcelona	Classroom	**€2,275**
15 - 19 March 2027	Frankfurt	Classroom	**€2,175**
22 - 26 March 2027	Rome	Classroom	**€2,830**
12 - 16 April 2027	London	Classroom	**€2,915**
19 - 23 April 2027	Barcelona	Classroom	**€2,275**
26 - 30 April 2027	Frankfurt	Classroom	**€2,175**
5 - 9 April 2027	Vienna	Classroom	**€3,425**
17 - 21 May 2027	London	Classroom	**€2,915**

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Seminar dates

Available seminar dates

Live dates and pricing for Model Risk Management and Validation generated from the course details page.

Date	Location	Format	Fee
24 - 28 May 2027	Barcelona	Classroom	**€2,275**
3 - 7 May 2027	Frankfurt	Classroom	**€2,175**
10 - 14 May 2027	Amsterdam	Classroom	**€3,215**
14 - 18 June 2027	London	Classroom	**€2,915**
21 - 25 June 2027	Barcelona	Classroom	**€2,275**
7 - 11 June 2027	Frankfurt	Classroom	**€2,175**
5 - 9 July 2027	London	Classroom	**€2,915**
12 - 16 July 2027	Barcelona	Classroom	**€2,275**
19 - 23 July 2027	Frankfurt	Classroom	**€2,175**
26 - 30 July 2027	Dubai	Classroom	**€2,845**

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Seminar dates

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Date	Location	Format	Fee
9 - 13 August 2027	London	Classroom	**€2,915**
16 - 20 August 2027	Barcelona	Classroom	**€2,275**
23 - 27 August 2027	Frankfurt	Classroom	**€2,175**
2 - 6 August 2027	Geneva	Classroom	**€3,315**
13 - 17 September 2027	London	Classroom	**€2,915**
20 - 24 September 2027	Barcelona	Classroom	**€2,275**
6 - 10 September 2027	Frankfurt	Classroom	**€2,175**
25 - 29 October 2027	London	Classroom	**€2,915**
4 - 8 October 2027	Barcelona	Classroom	**€2,275**
11 - 15 October 2027	Frankfurt	Classroom	**€2,175**

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Seminar dates

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Date	Location	Format	Fee
18 - 22 October 2027	Kuala lumpur	Classroom	**€2,425**
1 - 5 November 2027	London	Classroom	**€2,915**
8 - 12 November 2027	Barcelona	Classroom	**€2,275**
15 - 19 November 2027	Frankfurt	Classroom	**€2,175**
22 - 26 November 2027	Madrid	Classroom	**€3,400**
13 - 17 December 2027	London	Classroom	**€2,915**
20 - 24 December 2027	Barcelona	Classroom	**€2,275**
27 - 31 December 2027	Frankfurt	Classroom	**€2,175**
6 - 10 December 2027	Munich	Classroom	**€2,425**
14 - 18 December 2026	Online / Live	Online / Live	**€1,625**

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Seminar dates

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Live dates and pricing for Model Risk Management and Validation generated from the course details page.

Date	Location	Format	Fee
21 - 25 December 2026	Online / Live	Online / Live	**€1,625**
7 - 11 December 2026	Online / Live	Online / Live	**€1,625**
18 - 22 January 2027	Online / Live	Online / Live	**€1,625**
25 - 29 January 2027	Online / Live	Online / Live	**€1,625**
4 - 8 January 2027	Online / Live	Online / Live	**€1,625**
11 - 15 January 2027	Online / Live	Online / Live	**€1,625**
22 - 26 February 2027	Online / Live	Online / Live	**€1,625**
1 - 5 February 2027	Online / Live	Online / Live	**€1,625**
8 - 12 February 2027	Online / Live	Online / Live	**€1,625**
15 - 19 February 2027	Online / Live	Online / Live	**€1,625**

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Date	Location	Format	Fee
1 - 5 March 2027	Online / Live	Online / Live	**€1,625**
8 - 12 March 2027	Online / Live	Online / Live	**€1,625**
15 - 19 March 2027	Online / Live	Online / Live	**€1,625**
22 - 26 March 2027	Online / Live	Online / Live	**€1,625**
12 - 16 April 2027	Online / Live	Online / Live	**€1,625**
19 - 23 April 2027	Online / Live	Online / Live	**€1,625**
26 - 30 April 2027	Online / Live	Online / Live	**€1,625**
5 - 9 April 2027	Online / Live	Online / Live	**€1,625**
17 - 21 May 2027	Online / Live	Online / Live	**€1,625**
24 - 28 May 2027	Online / Live	Online / Live	**€1,625**

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3 - 7 May 2027	Online / Live	Online / Live	**€1,625**
10 - 14 May 2027	Online / Live	Online / Live	**€1,625**
14 - 18 June 2027	Online / Live	Online / Live	**€1,625**
21 - 25 June 2027	Online / Live	Online / Live	**€1,625**
7 - 11 June 2027	Online / Live	Online / Live	**€1,625**
5 - 9 July 2027	Online / Live	Online / Live	**€1,625**
12 - 16 July 2027	Online / Live	Online / Live	**€1,625**
19 - 23 July 2027	Online / Live	Online / Live	**€1,625**
26 - 30 July 2027	Online / Live	Online / Live	**€1,625**
9 - 13 August 2027	Online / Live	Online / Live	**€1,625**

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Date	Location	Format	Fee
16 - 20 August 2027	Online / Live	Online / Live	**€1,625**
23 - 27 August 2027	Online / Live	Online / Live	**€1,625**
2 - 6 August 2027	Online / Live	Online / Live	**€1,625**
13 - 17 September 2027	Online / Live	Online / Live	**€1,625**
20 - 24 September 2027	Online / Live	Online / Live	**€1,625**
6 - 10 September 2027	Online / Live	Online / Live	**€1,625**
25 - 29 October 2027	Online / Live	Online / Live	**€1,625**
4 - 8 October 2027	Online / Live	Online / Live	**€1,625**
11 - 15 October 2027	Online / Live	Online / Live	**€1,625**
18 - 22 October 2027	Online / Live	Online / Live	**€1,625**

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1 - 5 November 2027	Online / Live	Online / Live	**€1,625**
8 - 12 November 2027	Online / Live	Online / Live	**€1,625**
15 - 19 November 2027	Online / Live	Online / Live	**€1,625**
22 - 26 November 2027	Online / Live	Online / Live	**€1,625**
13 - 17 December 2027	Online / Live	Online / Live	**€1,625**
20 - 24 December 2027	Online / Live	Online / Live	**€1,625**
27 - 31 December 2027	Online / Live	Online / Live	**€1,625**
6 - 10 December 2027	Online / Live	Online / Live	**€1,625**