

CAREER ROADMAP

How to Become a Model Risk Manager: A Complete Roadmap

The roadmap to becoming a Model Risk Manager: model validation, SR 11-7, the quant skills, and the move into AI/ML model risk.

IN THIS ROADMAP

- What the role owns
- Skills
- Certifications
- The path

A free career roadmap from GRC Careers · AGJ, the AI governance job board

Read the latest version, and browse live Model Risk Manager jobs, at ai-governance-jobs.com/ai-governance-career-guides/how-to-become-a-model-risk-manager

A **Model Risk Manager** makes sure the quantitative and AI/ML models an organization relies on are sound, validated, and well-governed — a discipline born in finance and now expanding fast into machine learning.

WHAT THE ROLE OWNS

- The model risk management framework and model inventory
- **Independent model validation** and effective challenge
- Ongoing monitoring for performance, drift, and bias
- Governance under **SR 11-7** and the **NIST AI RMF**

SKILLS

Strong quantitative grounding (statistics, ML basics), the judgment to challenge model assumptions, and the governance fluency to document and report model risk.

CERTIFICATIONS

FRM or **PRM** for quantitative risk, **CRISC** for GRC, and AI-specific credentials (IAPP AIGP) as models go ML-heavy. Full credential details and salary data are in the [GRC Certifications Guide](#).

THE PATH

1. **Build quant fundamentals** — statistics and model concepts.
2. **Learn validation** — SR 11-7 and the model lifecycle.
3. **Certify** — FRM/PRM + CRISC.
4. **Extend to AI/ML** — bias, drift, explainability, NIST AI RMF.

Step — Apply

Browse live Model Risk Manager roles on GRC Careers. Related titles to search: Model Risk Manager, Model Validation Lead, AI/ML Risk Manager, Quantitative Risk Manager.

FREQUENTLY ASKED QUESTIONS

Is Model Risk Manager a quantitative role?

Yes, it requires a solid quantitative foundation to validate and challenge models, combined with governance skills to document and report model risk under standards like SR 11-7 and the NIST AI RMF.

Where can I find Model Risk Manager jobs?

Browse live Model Risk Manager and model-validation roles on GRC Careers (ai-governance-jobs.com).

This roadmap is a free resource from GRC Careers.

Read the latest version, and find live Model Risk Manager jobs, at ai-governance-jobs.com/ai-governance-career-guides/how-to-become-a-model-risk-manager · A resource from **GRC Careers**