

Quantitative Risk Analyst Job Description

Duties and Responsibilities:

- Assess future risk, opportunities, and effectiveness by utilizing advanced analytics
- Enhance decision making by accurately translating results into meaningful solutions
- Responsible for presenting findings to various levels of leadership
- Quantify risk and aggregate exposures by utilizing industry best practices
- Responsible for the development of complex systems and programs that measure aggregate risk exposures
- Responsible for model validation and for producing model validation reports
- Drive change through the application of innovative and scientific/quantitative analytical approaches to draw conclusions and make recommendations that answer business objectives using developed knowledge
- Create and discuss advanced analytical material with cross functional teams to clarify complex business objectives and influence solution strategies
- Influence business analysis and communicate analytical results, findings, and solutions to governance committees and business process owners
- Develop financial analysis and statistical reporting to forecast results for specific stress test scenarios
- Responsible for the analysis and challenge of stress testing results, and partner with relevant functions to validate those results.

Quantitative Risk Analyst Requirements – Skills, Knowledge, and Abilities

- Education: Prospective candidates for this position require a Bachelor's degree in Economics, Finance, Statistics, Mathematics, or Actuarial Sciences, or in a quantitative field, or in a discipline that emphasizes independent research. Also, work experience or coursework related to data management, financial analysis, and/or investment analysis is acceptable and may also be preferred
- Certification: Organizations also seek for individuals with an advanced degree in a quantitative field and/or progress towards a professional certification, including CFA, FRM, or PRM
- Knowledge: They require strong knowledge of financial risk modeling (e.g., credit risk, liquidity risk, or market risk). They also require the ability to comprehend, interpret, and adhere to policies, procedures, and regulatory requirements. It is also essential that they possess experience with Project Management tools such as Asana, Jira, Salesforce, or Microsoft Project
- Computer skills: They require advanced computer skills, especially proficiency with Microsoft Excel. Also, experience with VBA and/or SQL is a plus to the applicant
- Statistical skills: It is vital that they are proficient with at least one major statistical software program (e.g., Stata, SAS, SPSS, or R) to perform their job successfully
- Professionalism: They must exhibit high degree of professionalism and confidentiality in handling and having access to sensitive information
- Self-starter: They must be able to work effectively without direct supervision.