

Risk & Quantitative Analysis

Positions are available in: Americas, Europe, and Asia Pacific

The Risk & Quantitative Analysis (RQA) group provides independent oversight of BlackRock's fiduciary and enterprise risks by crafting and delivering risk management, tailored advice and analytics. We promote BlackRock as a leader in risk management by advancing the firm's risk management practices and delivering top-down and bottom-up oversight and independent risk expertise to drive better business and investment outcomes. RQA's risk managers play a meaningful role in BlackRock's investment process, using quantitative analysis and a multi-disciplinary skillset to tackle real-world problems and provide tangible solutions in the investment management process. We also work with other businesses across the organization to help portfolio managers build risk-aware portfolios and develop analytics used for risk and portfolio management using the capabilities of Aladdin.

Our business contains two teams:

Investment Risk

- Partners with investment businesses to deliver independent risk oversight and constructive challenge on managing risk and return for portfolios.
- Develops expertise in global portfolio management teams' investment processes in order to provide quantitative advice and risk oversight.

Enterprise Risk

- Partners with teams across BlackRock to monitor risks that directly impact BlackRock, the corporate entity.
- Responsible for all aspects of enterprise risk: error investigation, new product risk assessments and operational, technology resilience, information security, model, third party and regulatory risk management.
- Supports BlackRock's Board, Enterprise Risk Management Committee and various risk oversight committees.

We partner with:

Investment Risk: BlackRock Portfolio Managers, Aladdin BlackRock Solutions, Software Engineering, Quantitative Modeling, Portfolio Analytics, Business Operations, Trading & Liquidity Strategies, Internal Audit

Enterprise Risk: Legal and Compliance, Business Operations, Internal Audit, Finance Controls, Financial Crime, Information Security, BlackRock Portfolio Managers and Government Relations.

Our team is known for:

Investment Risk:

- Being a team of outstanding risk managers and quants partnering with portfolio management teams to oversee our clients' portfolios and construct portfolios that are consistent with specified risk and performance objectives
- Providing real world solutions that help preserve and protect the hopes and dreams of (truly) billions of people around the world
- Holding unbiased insights into financial markets and portfolios
- Providing critical independent thought leadership and risk oversight for senior management of the firm and the Board of Directors

Enterprise Risk:

- Global colleagues with subject matter expertise providing independent risk oversight for senior management of the firm and the Board of Directors
- A team of outstanding risk managers partnering with a wide breadth of BlackRock teams to protect BlackRock, the corporate entity
- Maintaining integrity as a fiduciary to clients
- Protecting the house

Risk & Quantitative Analysis

What will you do as an analyst?

Investment Risk:

- Apply statistical techniques to real financial data and live portfolios to aid portfolio managers' real-time decision making
- Learn to critique risk models using experience and judgment to interpret the output and suggest model improvements
- Learn to communicate sophisticated ideas to key partners in a high impact manner
- Use R or Python to query data, run statistical analyses and build data visualizations to optimally communicate insights
- Provide independent and consultative risk management services on a range of key projects including risk identification and evaluation of corresponding controls
- Get a deep understanding of financial markets and portfolio construction

Enterprise Risk:

- Learn to communicate complex topics to key partners in a high impact manner
- Provide independent and consultative risk management services on a range of key projects including risk identification and evaluation of corresponding controls
- Identify, measure and manage risks by supporting the implementation and maintenance of risk management policies, procedures and systems
- Manage operating events and risk and control issues
- Get a deep understanding of financial markets

What capabilities are we looking for?

- Strong communication skills and an ability to explain complex ideas in simple but impactful terms
- Critical thinking and problem-solving skills
- A passion for applying quantitative techniques to real-world problems
- Being a passionate student of the financial markets
- Intermediate coding & programming skills in R and/or Python