

Quantitative Risk Analyst

Job Information

Recruiter
JAC International Co., Ltd.

Hiring Company
Global Securities Firm

Job ID
1619561

Industry
Other

Job Type
Permanent Full-time

Location
Tokyo - 23 Wards

Salary
Negotiable, based on experience

Refreshed
October 29th, 2026 17:13

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

An opportunity has arisen for a quantitative risk professional to join the risk methodology function of a global financial services organisation operating across international markets. This role focuses on the research, development and enhancement of risk models used to assess market and financial risks across a broad range of asset classes, providing direct exposure to quantitative modelling, stakeholder collaboration and regulatory-facing work.

The position would suit candidates with a strong quantitative background who are interested in applying advanced analytical techniques to complex risk challenges within a trading and investment banking environment.

Responsibilities:
- Research and develop quantitative models used to measure and manage financial risk.
- Design, code and test new modelling approaches using Python and SQL within a development environment.
- Translate model designs into clear technical specifications for production implementation.
- Prepare model documentation, technical papers and management presentations for internal stakeholders and regulatory reviews.
- Perform regular model recalibration, parameter updates and ongoing performance monitoring.

- Develop practical solutions to complex risk modelling challenges across multiple risk types.
- Partner closely with Trading, Quantitative Research, Risk Management, Product Control and Technology teams throughout the model lifecycle.
- Support model implementation, validation and testing activities while ensuring methodology is appropriately adapted to business requirements.
- Build and maintain knowledge of financial products, trading activities, risk frameworks and evolving regulatory expectations.

Why Consider This Opportunity:
- Play a direct role in the development and enhancement of risk methodologies used across a global trading and investment banking environment.
- Work on quantitative modelling challenges spanning multiple risk disciplines rather than focusing on a single product area.
- Gain exposure to a broad range of asset classes, including Equities, FX, Credit, Rates and Commodities.
- Partner closely with stakeholders across Trading, Quantitative Research, Risk Management, Product Control and Technology, providing visibility across the full model lifecycle.
- Contribute to work that is reviewed by senior management and regulatory stakeholders, offering exposure beyond pure model development.
- Combine quantitative research, model implementation and practical business application in a role with both technical depth and commercial relevance.

Employee Benefits:
Social insurance and statutory benefits in accordance with Japanese law. Additional benefits are available and can be discussed during the recruitment process.

Required Skills

Essential:
- Postgraduate degree or equivalent qualification in a quantitative discipline such as Mathematics, Physics or Economics.
- Experience in quantitative modelling within a financial markets, banking or securities-related environment.
- Practical programming experience, including proficiency with Python and SQL.
- Demonstrated interest in financial markets, trading and risk management.
- Strong analytical and problem-solving capabilities.
- Excellent written and verbal communication skills in English.

Preferred:
- PhD or equivalent advanced research qualification in a quantitative discipline.

Don't meet every requirement?
Feel free to apply, as we also support opportunities beyond those advertised on our website.

Company Description

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