

## **Quantitative Modeling Consultant – Comprehensive Credit Analysis and Review (CCAR)**

Location: New York, NY

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Our Firm is partnered with one of the most prestigious US strategy consulting firms in the world seeking top tier quantitative modelers for a long-term consulting assignment in NYC. The role will involve working with expert strategists to remediate concerns stemming from a failed “stressed test” at a large US banking institution. This is a challenging role which will require excellent problem solving and risk modeling ability. The ideal candidate will have 1-5 years of experience doing stochastic or other complex modeling, using a variety of tools (MATLAB, SAS, STATA, etc.)

This Consulting opportunity offers exceptional compensation, but even more rewarding is the work experience. As Comprehensive Credit Analysis and Review (CCAR) stress testing requirements for banks continues to expand, individuals with this experience will become highly attractive to a variety of smaller/regional banks. There will be ample opportunity to join either the Consulting Firm or Banking Institution on a perm level at the end of the project. The project is slated to complete on 12/31 of this year.

### **Responsibilities include:**

- Evaluate possible impact of new business/products on economic risk capital and on CCAR-stressed losses.
- Validation, stress testing and documentation of risk models and assumptions.
- Support implementation and validation of Dual Rating system (PD, LGD, EAD estimation).
- Support model design and explanation of model outcome over time.
- Support mapping to Basel 2 and calculation of regulatory capital under Basel II and Basel III rules.
- Support models and EL/UL calculations for economic capital.
- Enhance/recalibrate the Operational loss forecasting models by integrating external data and scenario analysis output.
- Recalibrate dual rating model parameter estimates based on actual losses, default and migration analysis.
- Perform regression analysis on firm financial ratios and economic data to evaluate the explanatory power of the ratios in predicting migration and default for different parts of the portfolio.
- Assist in benchmarking risk capital (economic and regulatory) to other institutions.
- Leverage analytic capabilities in overall decision making and risk identification.
- Support ad-hoc Line of Business requests for quantitative modeling of potential new businesses.
- Other projects and tasks as assigned by the Manager of Risk Strategies and Reporting.

### **Qualifications**

- MBA, PhD or equivalent advanced Quantitative/Analytical degree

- 1-8 years of experience in the development/validation or Internal Audit of advanced risk capital, stress testing and loss forecasting models for banking products in areas such as wholesale, retail credit portfolios or market risk
- Specific subject matter expertise regarding technology application control disciplines and a solid understanding of Model Risk Management concepts, such as model governance, inventory, documentation, validation and use.
- Knowledge of industry best practice standards for credit risk measurement and economic capital.
- Ability to deliver under tight deadlines
- Strong interpersonal skills for interfacing with all levels of internal senior management.

Candidates with F1 visas are welcome to apply.