

FINANCE & ACCOUNTING

- Financial Analysis & Reporting
- Financial Modeling & Validation
- Quantitative Analysis
- Audit Readiness

RISK MANAGEMENT

- Internal Controls
- Governance & Compliance
- Risk Assessments

TECHNOLOGY SUPPORT

- Systems Development Lifecycle
- Requirements Gathering
- User Acceptance Testing
- Data Integration

BUSINESS ANALYSIS & REPORTING

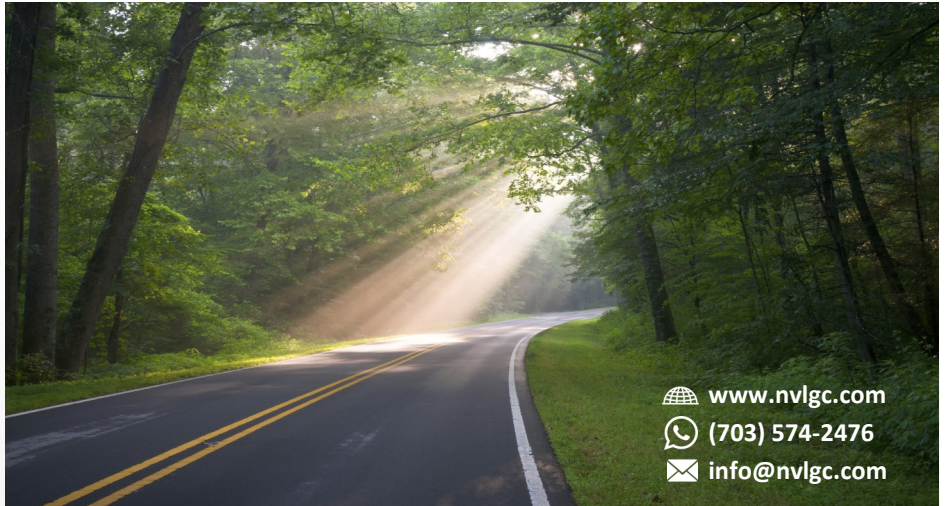
- Business Analysis
- Business Process Re-engineering
- Quality Assurance
- Process Improvements
- Program & Project Management

DATA ANALYSIS

- Data Mining & Analysis
- Data Quality Assurance
- Predictive Analysis, KPIs

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8(a) certified, WOSB
NAICS: 541611, 541618, 541511
DUNS: 079308026
Cage: 74NY8



NUVOLOGIC CONSULTING is a management consulting firm focused on financial management and information technology solutions for private and public sector clients. We are 8(a) certified, and a minority, woman-owned small business.

OUR APPROACH allows us to effectively deconstruct pain points, deliver insights, and drive performance. We employ root cause analysis to identify underlying issues; practical innovation to provide a customized solution using technologies that best fit your need; integrated partnerships to create more efficient processes and reduce expenses; subject matter leaders to provide insight into industry benchmarks and best practices; agile management to remain engaged throughout the project lifecycle to better address challenges and anticipate what's ahead.

We bridge the gap between business and technology to streamline processes and close the communication gap. We pride ourselves in matching clients with seasoned professionals who are qualified and skilled in their field. Our consultants are problem solvers who work alongside public and private sector leaders to integrate strategies and technologies to position your organization to meet your mission and goals.

OUR CAPABILITIES encompass strengths in financial and business analysis, competencies in operational functions, adept understanding of policy compliance, and the expertise to navigate the increasing overlap of business and technology work streams. Turn to us for complex business and financial analytics, model development and validations, SDLC support, and project management.

CONTACT US to support your next project or if you are interested in teaming with us. info@nvlgc.com



SELECT PAST PERFORMANCE

Model Development

The NuvoLogic team has developed financial and loss reserve models for the Federal Housing Administration's (FHA) Single Family and Multifamily programs, and HUD's Office of Native American Programs Section 184 program. Our resources also have specific modeling experience at USDA Commodity Credit Corporation (CCC), U.S. Department of Treasury (UST), Fannie Mae's Single Family and Multifamily programs, Veteran's Affairs (VA), and the Small Business Administration (SBA). NuvoLogic has extensive knowledge of Credit Reform and integrating loss reserve cash flows with OMB's Credit Subsidy Calculator in support of credit subsidy estimates and re-estimates. We have a successful track record of redeveloping loss reserve models improving accuracy and efficiency, and supporting clients to remediate audit findings. We also support program areas understand the impact policy decisions have on model outputs.

Model Validation

NuvoLogic Consulting independently validated multiple iterations of the Terminations Workbook as it related to the Loss Share program within the Department of Resolutions and Receiverships at FDIC. The Terminations Workbook was used to estimate a breakeven price the FDIC was willing to accept for early terminations of Shared Loss Agreements. It used the net present value method to estimate remaining recoveries, losses, and any true-up payments of each bank over the life of the loss share period. With each model enhancement, NuvoLogic Consulting assessed model functionality, accuracy of calculations, and reasonableness of impacts. Findings and recommendations were documented and presented to the client.

Business Analysis & Systems Implementation Support

NuvoLogic Consulting led requirements gathering, development of test plan and test cases, documentation, and UAT efforts for a financial system implementation at a GSE in support of FHFA Advisory Bulletin (AB) 2012-12. Our consultants worked closely with systems analysts, developers, data architects, and business to ensure business and system requirements were clearly defined and accurately reflected in the application. NuvoLogic also developed mapping of new processes as it impacted the Loan Loss Reserve process. Controls of new processes were assessed as key or non-key based on upstream and downstream impacts. Validation and analysis of production results, documentation of assumptions, and development of desktop procedures were also produced.

Governance & Compliance

NuvoLogic assisted a GSE assess divisional compliance with corporate model governance standards and FHFA's AB 2013-07. Comprehensive gap analysis of procedures and internal controls was performed for Single Family, Multifamily, Investor & Capital Markets, and Enterprise Risk Management divisions. NuvoLogic ensured alignment of divisional procedures with corporate standards and provided recommendations to address Internal Audit and FHFA findings while also developing a corrective action plan. We assisted with operating effectiveness of model risk governance practices by providing relevant training and documentation. We also researched and developed process maps of the model lifecycle management process for various divisions. We standardized performance metrics, reporting, and the development of a self-testing framework across divisions gaining customer adoption across all divisions.

Project Management

NuvoLogic Consulting provided project management support for a litigation support project that was significantly behind schedule and lacked structure. The project was only 16% complete 3 weeks before the end of the project and prior to NuvoLogic onboarding. NuvoLogic managed daily tasks and project metrics for a team of underwriters and management to ensure the project was kept on track within the tight time frame leading up to management's deposition regarding credit underwriting practices of a large bank. All deadlines were successfully met.