

IAN MOORE

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Advanced Statistical Modeling • Portfolio Risk Management • Financial Analytics Leadership

STRATEGIC QUANTITATIVE FINANCE PROFESSIONAL with 9+ years in financial services, specializing in advanced statistical modeling and risk analytics for financial portfolios. Expertise in quantitative risk assessment, predictive modeling, and portfolio optimization that inform executive decision-making and regulatory compliance. Proven track record of delivering measurable business impact through sophisticated analytical frameworks.

CORE COMPETENCIES

Advanced Statistical Modeling: GARCH Volatility Analysis • Survival Analysis & Cox Regression • Time Series Forecasting • Machine Learning & Ensemble Methods

Quantitative Risk Management: Portfolio Risk Analytics • VaR Modeling • Stress Testing • Credit Risk Assessment • Regulatory Compliance (CECL)

Strategic Analytics: Executive Dashboard Development • ROI Analysis • Business Case Development • Cross-Functional Leadership • Regulatory Reporting

Technology Platforms: Python (Advanced Statistical Computing) • R • SQL • Snowflake • Power BI • GitHub • Statistical Modeling Frameworks

PROFESSIONAL EXPERIENCE

RIVERMARK COMMUNITY CREDIT UNION | Feb 2022 – Jul 2025

Portfolio Analytics Manager

Started as BI Analyst in Finance and advanced to senior quantitative risk management role during complex organizational merger. Led quantitative risk analysis for \$2.4B+ loan portfolio, developing sophisticated analytical frameworks and automated monitoring systems that enhanced credit decision-making and regulatory compliance.

- **Optimized product pricing strategies** through comparative risk analysis, identifying motorcycle loans had 2x higher default rates and 3x lower recovery rates versus auto loans despite identical pricing
- **Built comprehensive risk assessment framework** integrating predictive modeling and automated scoring systems that improved loan approval accuracy
- **Reduced regulatory reporting workflows by 75%** through CECL automation, ensuring compliance during complex merger integration
- **Presented strategic insights to executive committees** (ALCO/CRC), directly influencing capital allocation and policy decisions

OUTSIDE IN | Oct 2021 – Feb 2022

Data and Analytics Manager

Expanded to healthcare analytics as Data and Analytics Manager, leading infrastructure and compliance initiatives while gaining cross-industry management experience.

- **Designed automated reporting solutions** for multi-agency regulatory compliance using SQL and advanced analytics
- **Delivered strategic analytics** on organizational performance to senior leadership and stakeholders

- **Led cross-functional data initiatives** demonstrating management capabilities across diverse industry sectors

OREGONIANS CREDIT UNION | Oct 2018 – Oct 2021

Data Analyst

Foundational role where I developed core quantitative capabilities, evolving from basic analytics to building enterprise-level systems. Mastered statistical modeling while creating automated solutions that drove significant business impact across entire enterprise.

- **Developed proprietary credit scoring system** and indirect lending scorecard with integrated dealer oversight capabilities
- **Increased portfolio earnings by 50 basis points** through enhanced loan approval accuracy and risk assessment modeling
- **Built comprehensive analytics infrastructure** justifying enterprise Tableau implementation through demonstrated ROI
- **Led cross-functional initiatives** including rewards program development with executive leadership, retail, and marketing teams

FLUENCE, PC | Jun 2018 – Oct 2018

Accounting Analyst

Transitioned from commercial credit to financial analysis, enhancing analytical capabilities in professional services environment while exploring broader finance applications.

- **Conducted financial performance analysis** and prepared comprehensive reports for client advisory services
- **Developed proficiency in financial modeling** and reporting systems, building foundation for subsequent data analytics transition

CU BUSINESS GROUP | May 2016 – Jun 2018

Commercial Credit Analyst

Built foundational credit risk expertise through comprehensive loan analysis and regulatory compliance work.

- **Conducted credit reviews with \$150K signing authority** and contributed to enterprise risk rating matrix affecting 500+ credit unions
- **Collaborated with NCUA regulators** on risk classification standards and specialized in complex restructuring analysis
- **Led taxi medallion re-underwriting project** during market disruption, assessing distressed assets across multiple credit union portfolios

EDUCATION & PROFESSIONAL DEVELOPMENT

Master of Science in Finance (*In Progress*)

Securities and Investments Concentration | Southern New Hampshire University

Post-Baccalaureate Certificate in Accounting | Portland State University (2016)

Bachelor of Arts in Communication | California State University, Monterey Bay (2009)

Data Science Bootcamp | General Assembly (2024)

Certificate in Commercial Lending | American Bankers Association (2017)