Tyler Emmett
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https://tyemmett.github.io/portfolio/

Product Owner | Data Strategist

Compliance | Process Improvement | Data-Driven Decision Making | Cross-Functional Collaboration

Professional Summary

Product Owner and Data Strategist with 10 years of experience in **fraud prevention, risk assessment, and compliance** within regulated financial environments. Led cross-functional teams and mentored junior staff, providing oversight and guidance to developers, analysts, and business teams. Proven track record in aligning IT solutions with business objectives and delivering data-driven insights through **full-stack analytics**, from report building to executive presentations. Skilled in **Power BI, Tableau, Python, SQL, and SAS**, with experience tailoring insights for executive leadership and diverse stakeholders.

Core Competencies

Product Management & Development | Data Analytics & Visualization |Agile & SAFe Methodologies Stakeholder Engagement & Leadership | Full-Stack Analytics | Process Improvement & Optimization |Compliance & Risk Management

Technical Skills
    Data Visualization: Power BI, Tableau
    Programming: Python, SQL, SAS, API Implementation
    Tools: Azure DevOps, SharePoint, Excel
    Methodologies: Agile, Scrum, SAFe®, Design Thinking
    Other: Process Improvement, Compliance, Risk Management, Business Statistics

Professional Experience

Financial Analyst: Systems, Data, Operations
U.S. Small Business Administration | 03/2019 – Present

Finance-Related Data and Compliance

- Analyzed and managed finance-related data, including **balance sheets and P&L statements**, to support SBA loan underwriting and compliance decisions.
- Built and optimized **loan decision-making tools** to support credit assessment and financial compliance, aligning with federal requirements.
- Supported loan operations by creating **data collection tools** and automating reports that assess lender performance and credit decisions.

Fraud Prevention, Risk Management, and Compliance

- Developed and managed loan decision-making tools to **assess risk**, ensuring compliance with regulatory requirements and mitigating fraud risk. Built models to **grade the risk** of loan applications and guided users to review key data elements related to fraud prevention.
- Created dashboards and automated reporting using **Power BI** to assess lender performance and identify potential risks.
- Collaborated with senior management to design system enhancements focused on reducing fraudulent activity and improving compliance with financial regulations.

Leadership and Audit Liaison

- Acted as **liaison to internal and external auditors**, demonstrating internal controls and incorporating feedback into improved processes and procedures.
- Provided oversight, training, and mentorship to developers, analysts, and business staff, guiding them through the completion of compliance-related projects.
- Developed dashboards to monitor loan applications and compliance, ensuring continuous monitoring and risk mitigation.

Full-Stack Analytics & Presentation

- Developed **Power BI dashboards** for real-time performance assessment, reducing manual calculations and providing immediate insights to leadership.
- Conducted data analysis and presented insights to executive leadership, tailoring findings to various departmental stakeholders.
- Automated staff production reports, **reducing compilation time from 2 days to minutes** with a click of a button.
- Enhanced data collection and analysis, enabling executive leadership to make informed, data-driven decisions.

Process Improvement

- Streamlined workflows by consolidating duplicative processes, ensuring efficiency and compliance with federal regulations.
- Designed and implemented a targeted review process, **reducing backlog by 66% and turn times by 56% within three months**.

Loan Specialist: Business Analyst
U.S. Small Business Administration | 08/2016 – 03/2019

- Led business process analysis and system implementations to assess risk and improve operational efficiency in loan-making workflows.
- Provided oversight and mentorship to junior team members, ensuring the successful implementation of compliance measures across the team.

Loan Specialist: Loan Underwriting
U.S. Small Business Administration | 12/2014 – 08/2016

Loan Processing Assistant
U.S. Small Business Administration | 07/2012 – 12/2014

General Clerk
U.S. Small Business Administration | 09/2009 – 06/2012

Education
Master of Applied Business Analytics (In Progress, Expected Spring 2026)
University of Arkansas – Sam Walton College of Business
Relevant Coursework: Business Statistics, SAS, Python, SQL, Visualization and storytelling

Bachelor of Science in Business Administration, Information Technology Management
Western Governors University

Excellence Award Recipient: Business of IT – Applications

Certifications
SAFe® 6 Product Owner/Product Manager |Professional Scrum Master I | Google Project Management Professional Certificate | Google Data Analytics Professional Certificate

Professional Development
- Python for Everybody
- Agile Project Management
- Evaluating and Presenting Analysis
- Agile Leadership
- Software Product Management
- Analyzing Data with Power BI

Additional Highlights
- Successfully transformed a 20-year legacy database into an intuitive data model accessible to managers and business experts.
- Recognized for excellence in applying IT solutions to business challenges, enhancing operational efficiency and compliance.
- Proven ability to bridge the gap between technical and non-technical stakeholders, fostering collaboration and trust.