**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.