

# BINI TEKLEHAIMANOT

Kirkland, WA padgenb@gmail.com (425) 310-5387 [LinkedIn](#) [GitHub](#)

## PROFESSIONAL SUMMARY

Forward-thinking Data Science Manager with a track record of delivering scalable ML solutions, actionable insights, and measurable business impact. Skilled in leading high-performing teams, aligning data strategies with executive priorities, and fostering a culture of experimentation and continuous learning. Committed to driving the future of data science through innovation, mentorship, and cross-functional collaboration.

## Core Competencies

Data Science, Python, Cross-Functional Collaboration, Stakeholder Management, Release Management and Planning, Technical Program/Project Management, Problem-Solving, Risk Management, Metrics/Key Performance Indicators (KPIs), Product and Platform Building, Data Privacy and Compliance, Beta Program Management, End-to-End Program Execution, Scalable Process Development, Customer Feedback Analysis, and Technical and Non-Technical Requirement Development.

## PROFESSIONAL EXPERIENCE

### Prime 8 Consulting, Bellevue, WA

04/ 2024 – Present

#### Portfolio Program Manager at Microsoft

- Implement automated reporting tools to enhance the efficiency of portfolio reporting by 25%, resulting in more streamlined executive communication and faster decision-making.
- Ensure alignment with company goals to increase project success rate by 15% by designing and executing a comprehensive fiscal year planning process that prioritizes key initiatives.
- Design portfolio management best practices and increase reporting efficiency

### QUALTRICS XM, Seattle, WA

08/ 2022 – 10/2023

#### Staff Technical Program Manager

- Drove 20% quarter-over-quarter increase in platform adoption by leading cross-functional initiatives that enhanced extensibility and user experience.
- Reduced quarterly planning cycle time by 10% through the implementation of streamlined operating models and improved planning workflows.
- Boosted engineering productivity by leveraging AI-driven tools and automation to eliminate manual overhead and accelerate delivery timelines.

### MICROSOFT, Redmond, WA

08/2014 – 07/2022

#### Senior Technical Program Manager

- Led a 50-member team in designing, scaling, and implementing global data compliance programs with GDPR and EUDB requirements, ensuring enterprise-wide policy adherence and saving \$20M+ in potential regulatory fines.
- Boosted customer satisfaction by 20% through the redesign of demand forecasting and capacity management processes, improving operational accuracy and responsiveness.
- Delivered a vendor compliance program 2 weeks ahead of schedule by implementing a structured program management plan and proactively resolving execution risks.

## PROJECTS

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### **Springboard, Remote**

#### **Healthcare Access Disparities Project**

- Modeled disparities in U.S. healthcare access using 2023 CDC NHIS data, focusing on race, gender, income, and insurance type.
- Identified key drivers such as perceived discrimination and income inequality using SHAP and ensemble models (LightGBM, Random Forest), informing actionable public health insights.
- Built a reproducible ML pipeline with scikit-learn and LightGBM for preprocessing, feature selection, and model tuning; published full analysis on [GitHub](#).

#### **Accounting Fraud Detection Project**

- Developed a fraud prediction framework using structured financial data from public companies to detect accounting irregularities across industries.
- Combined Deep Neural Networks and CatBoost with SHAP interpretation to identify patterns in misstatements and flag high-risk firms.
- Delivered a reproducible ML pipeline with data wrangling, model tuning, and metadata tracking using Python, TensorFlow, and scikit-learn; full project available on [GitHub](#).

## EDUCATION

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**Master of Business Administration (MBA)** Florida State University, Tallahassee, FL

**Data Science Certificate** Springboard, Remote

**Master of Science (MS) in Computer Systems, Emphasis in C++** City University of Seattle, Bellevue, WA

**Bachelor of Science (BS) in Electrical Engineering** Trine University (formerly Tri-State University), Angola, IN

## CERTIFICATIONS

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**Certified Information Systems Auditor (CISA)**

**Certified Data Privacy Solutions Engineer (CDPSE)**

**Certification In Risk and Information Systems Control (CRISC)**

**Data Science and Machine Learning Certificate**

**Certification In Change Management**

## PROFESSIONAL MEMBERSHIPS

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**Information Systems Audit and Control Associations (ISACA)**

**International Association of Privacy Professionals (IAPP)**

## Targeted Experience & Impact

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### Operationalizing Core Business Metrics & Driving Data Science Impact

- Defined and standardized business-critical metrics (DAU/MAU, retention rate, incremental revenue, churn rate) across cross-functional teams, ensuring consistent modeling, reporting, and visibility in enterprise tools.
- Designed metric frameworks tied to customer-facing B2C outcomes, enabling leadership to measure success of models, track adoption, and guide investment decisions.

### Data Science & AI/ML Model Deployment

- At Microsoft, led deployment of AI/ML forecasting models for global capacity management, partnering with data science and engineering teams to take prototypes from experimentation to production scale, impacting operational accuracy and responsiveness.
- Coordinated cross-team dependencies to ensure model integration with production workflows, aligning data ingestion, pipeline automation, and monitoring for performance drift.

### Experimentation, Testing & Iteration

- Designed and executed controlled testing programs with subsets of customers, including A/B tests and phased rollouts, to validate product hypotheses and refine models.
- Applied test learnings to iteratively improve algorithms and product experiences, reducing operational inefficiencies and increasing feature adoption.

### Bridging Data Science, Engineering & Product

- Translated business requirements into actionable data sets and model specifications, ensuring technical alignment while maintaining customer impact focus.
- Partnered with engineering leadership for clear, concise reporting via dashboards, executive summaries, and targeted Slack communications to drive decision-making.

### Handling Ambiguity & Delivering at Scale

- Delivered high-stakes data compliance and modeling programs under uncertain requirements, clarifying data needs, resolving gaps, and ensuring program milestones were met.
- Designed and implemented portfolio-level planning processes that prioritized data-driven initiatives, increasing delivery success rates by 15%.