

# Bini Teklehaimanot

## Data Science | AI/ML

425-310-5387 | [Email](#) | [LinkedIn](#) | [GitHub](#)

### MOTIVATION

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*I am passionate about **solving high-stakes business problems** by bridging technical data science with strategic decision-making. I systematically apply my skillset **to deliver tangible value**, specifically in mitigating regulatory risk and driving multi-million dollar efficiencies for the organization and the end-user. I am committed to **continuous learning** and always looking for ways to improve the impact of my work.*

### SKILLS & TOOLS

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**Programming:** SQL | Python

**Tools:** Excel | Power BI | Tableau | Github | AWS | Anaconda | Docker

**Math & Stats:** Linear Algebra | Probability | Statistics (Hypothesis Testing, AB Testing, CLT, Distributions)

**Algorithms:** Linear Regression | Logistic Regression | Decision Trees | Random Forest | KNN | k-means | PCA | Causal Impact Analysis | Neural Networks | GenAI | LLMs | Agentic AI

### WORK EXPERIENCE

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**Principal Data Science Consultant**, AMA Key Beacon, Kirkland, WA

Dec 2023 – Present

- To improve the accuracy of commercial asset acquisitions, I architected and validated a **production-ready classification and recommendation engine**; this identified higher-quality opportunities, resulting in a 22% improvement in risk-adjusted returns.
- To maximize Net Operating Income (NOI) across the portfolio, I designed and **executed A/B tests and causal inference experiments** on renovation pricing and tenant mix, providing data-driven optimizations that increased investor ROI.
- To provide real-time visibility into a \$10M+ AUM portfolio, I established **automated ETL pipelines and ML monitoring dashboards** for key metrics (Occupancy, DSCR), which enabled immediate cohort and sensitivity analysis for strategic decision-making.
- To ensure executive alignment on complex financial risks, I managed end-to-end stakeholder communication by **translating high-dimensional model outputs** into clear, risk-aligned narratives and visualizations, streamlining the approval process for major acquisitions.
- To prepare for market volatility and economic shifts, I developed robust **Python/SQL workflows to ingest market data** for Monte Carlo simulations; this enabled rapid downside risk modelling, allowing the firm to stress-test assets across multiple economic scenarios.

**Portfolio Program Manager at Microsoft**, Prime 8 Consulting, Bellevue, WA

Apr 2024 – Dec 2025

- To accelerate the pace of executive decision-making, I **automated portfolio reporting using Python and SQL** to build near-real-time data pipelines, which improved reporting efficiency by 25% and shortened key initiative decision cycles.

- To ensure resources were allocated to the highest-value opportunities, I developed a **data-driven prioritization model** mapping initiative risk scores to projected outcomes; this increased the project success rate by 15% while maintaining strict alignment with corporate ML/AI governance.
- To enable the scalable and compliant deployment of AI models, I established **portfolio management best practices** that integrated GDPR and CCPA requirements, ensuring full auditability and reducing the legal risk associated with large-scale model adoption.

**Staff Technical Program Manager**, Qualtrics XM, Seattle, WA

Jul 2022 – Oct 2023

- To scale the usage of internal machine learning infrastructure, I led **cross-functional Data Governance initiatives** to standardize data quality and pipeline accessibility, resulting in a 25% QoQ increase in platform adoption.
- To eliminate bottlenecks in the product roadmap, I implemented **OKR/KPI-driven planning models** using quantitative data to optimize resource allocation, which reduced quarterly prioritization cycles by 10% and accelerated model deployment.
- To remove manual constraints on the engineering team, I integrated **AI/ML-driven automation tools** for labelling and MLOps workflows, effectively eliminating manual data preparation overhead and accelerating core model delivery timelines.

**Senior Technical Program Manager**, Microsoft, Redmond, WA

Aug 2014 – Jul 2022

- To mitigate massive legal and financial exposure during global expansion, I architected a **data-governance framework** for global ML/AI deployments that ensured enterprise-wide adherence to GDPR and EUDB, **saving \$20M+** in potential regulatory fines.
- To address inaccuracies in supply-chain and service reliability, I led a **quantitative redesign of core demand and capacity forecasting models**, which boosted customer satisfaction by 20% through significantly improved operational accuracy.
- To streamline the integration of third-party partners, I implemented a structured, **data-driven program management plan and execution risk modelling**; this accelerated the vendor compliance program deployment by 2 weeks and established MLOps-ready delivery standards.

## EDUCATION

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

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

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

## CERTIFICATIONS

Data Science and Machine Learning Certificate

Certified Information Systems Auditor (CISA)

Certified Data Privacy Solutions Engineer (CDPSE)

Certification In Risk and Information Systems Control (CRISC)

## Professional Memberships

Information Systems Audit and Control Associations (ISACA)

International Association of Privacy Professionals (IAPP)