

# Dr. Tyrone Grandison

ENTERPRISE AI, DATA & TECHNOLOGY TRANSFORMATION EXECUTIVE

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## Executive Profile

I am an enterprise AI, data, and technology executive with a record of translating strategy into production systems, operating models, organizational capability, governance, and measurable enterprise outcomes. I have served as Chief AI Officer, CTO, CIO, and Deputy Chief Data Officer across Fortune 500 companies, government, global research, nonprofit, consulting, and advisory environments. My leadership record includes global technology portfolios associated with more than \$5B in Microsoft revenue; public-sector solutions generating \$900M; an \$8.5M annual technology budget; scaling a technology organization from 30 to 62; reducing development cycles by 66%; modernizing data capabilities across 12 Commerce bureaus; and building AI platforms with modeled annual operating and premium opportunity measured in the millions.

## Enterprise Leadership & Value Creation

- AI transformation & production execution: Lead a 47-person Data/AI organization (7 direct reports) at Cornerstone Assurance, implementing AI and agentic workflows across claims, policy service, producer/customer intelligence, retention, and customer support.
- Claims & servicing economics: Led an AI claims/policy-service platform serving ~400-600 users and supporting up to 150,000 claims and 1M+ servicing transactions annually; estimated 20-30% lower handling time, 30-50% faster routine decisions, and 20-35% lower servicing costs, representing ~\$4-8M in annual productivity/operating value on ~\$5M investment.
- Global cloud & ecosystem impact: At Microsoft, led global App Innovation, Infrastructure & Security partner technology strategy; associated efforts contributed to \$5B+ in Microsoft revenue. Earlier Public Sector solutions generated \$900M.
- Enterprise operating responsibility: As CIO of IHME, managed an \$8.5M annual budget, grew the technology organization from 30 to 62, introduced Agile/LEAN, reduced development cycles 66%, and launched the institution's first mobile apps and API.
- Federal data modernization: As Deputy CDO at Commerce, co-founded and led the Commerce Data Service across 12 bureaus, scaled to 33 engineers in two months, delivered 15+ award-winning data products, and increased budget from \$1.8M to \$3.5M.

## Professional Experience

### Chief Artificial Intelligence Officer - Cornerstone Assurance Corporation | Sep 2025 - Present

- Lead a 47-person Data/AI organization with 7 direct reports, aligning AI investment, delivery, governance, and adoption with insurance operations, product strategy, customer experience, and enterprise value.
- Led implementation of an AI-driven claims and policy-service platform for ~400-600 claims, customer service, fraud, legal, and operations users, supporting up to 150,000 claims and 1M+ servicing transactions annually.
- Deployed AI/agentic workflows for claim classification, document extraction, missing-information detection, next-action recommendations, and routine servicing automation; current outcomes include 20-30% lower handling time, 30-50% faster routine claims decisions, and 20-35% lower servicing costs.
- Estimated ~\$4-8M in annual productivity and operating value on ~\$5M investment (~0.8-1.6x annual benefit-to-cost), excluding additional customer-experience and capacity value.

### Chief Technology Officer - Global Partner Solutions, Microsoft | Oct 2021 - Sep 2025

- Led a global App Innovation, Infrastructure & Security team (Aug 2023-Sep 2025), driving technical strategy, co-innovation, and scalable, secure Azure architectures; associated efforts contributed to more than \$5B in Microsoft revenue.
- Led the global Public Sector team (Oct 2021-Aug 2023) across government, defense, and education; helped create and launch differentiated partner solutions generating \$900M in revenue.
- Directed partner strategy, go-to-market plans, technical enablement, and architecture guidance, connecting technology execution to commercial and mission outcomes.

### Founder - The Data-Driven Institute | Mar 2018 - Oct 2021

- Founded a nonprofit helping policymakers and communities implement technology- and data-informed strategies; advised the U.S. Census Bureau, Democracy Works, startups, and other organizations.
- Served in interim CTO, VP Data, and Executive Advisor roles; designed strategies, oversaw technology product delivery, and helped scale digital services.

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## Chief Information Officer - Institute for Health Metrics and Evaluation | Oct 2016 - Mar 2018

- Owned technology vision and execution for a global research institution within the University of Washington; managed an \$8.5M annual budget.
- Scaled the technology organization from 30 to 62, introduced Agile and LEAN, reduced development cycles by 66%, and launched the organization's first mobile apps and API, improving product delivery, data access, and research dissemination.

## Deputy Chief Data Officer - U.S. Department of Commerce | Jul 2015 - Aug 2016

- Co-founded and led the Commerce Data Service, supporting data modernization across 12 bureaus; scaled the team to 33 engineers in two months.
- Delivered 15+ award-winning data products, drove department-wide technology upgrades, and increased program budget from \$1.8M to \$3.5M.

## Presidential Innovation Fellow - U.S. White House | Sep 2014 - Jul 2015

- Partnered with multiple federal agencies to deliver technology modernization; created 13 data products across labor, energy, and census environments and led civic-data community/developer engagement.

## Core Executive Capabilities

Enterprise AI Strategy & Operating Models | AI Governance & Responsible AI | Data Strategy & Governance | Technology Strategy & Architecture | Cloud & Infrastructure Modernization | Product & Platform Delivery | P&L/Investment Value Cases | Organizational Scaling | Cybersecurity & Risk | Executive Stakeholder Leadership | Partner Ecosystems | Agile/LEAN Transformation

## Education & Recognition

Ph.D., Computer Science - Imperial College London | Security and Trust Management for Internet Applications

Advanced Executive MBA - IBM Academy of Education

Recognition: Top 5 Rising Chief AI Officers in the AI Space (2025, CIO Look); Top 10 Most Influential Black Executives to Follow (2024, CIO Views).