

Ralph Richter, CPA, MBA

Enterprise Data Strategy | Financial Analytics Platforms | AI-Ready Data Architecture

Email: Ralph.Richter@CarltonBrooke.com | Phone: 208-754-7393

LinkedIn: [linkedin.com/in/ralph-richter-067343338/](https://www.linkedin.com/in/ralph-richter-067343338/)

Executive Profile

CPA and enterprise data strategist specializing in the architecture of financially governed data platforms and analytics ecosystems. Combines deep accounting judgment, enterprise data modeling, and SQL-centric system design to build durable financial transaction systems, enterprise data warehouses, and analytics platforms supporting executive decision-making, regulatory reporting, and emerging AI-driven analytics.

Recognized for designing long-lived financial systems and enterprise data architectures that preserve audit integrity while enabling modern analytics, semantic layers, and AI-ready data consumption.

Core Focus Areas

- Enterprise data architecture & financial analytics platforms
- Conceptual → Logical → Physical enterprise data modeling
- Data governance, lineage, reconciliation, and audit controls
- SQL-centric financial transaction systems
- Enterprise data warehousing & analytics engineering
- Semantic architecture for analytics and AI consumption
- Executive decision support and analytics strategy

Professional Experience

Enterprise Data Strategist & Analytics Architect — Independent Consulting

- Designed enterprise data strategies spanning Conceptual Data Models, Agile Logical Data Models, and Physical Data Platforms supporting analytics, regulatory reporting, and AI-enabled consumption.
- Developed the Agile LDM framework enabling iterative logical modeling while maintaining semantic governance and enterprise data integrity.
- Architected constellation-style enterprise data warehouses optimized for analytics engineering, business intelligence, and governed semantic access.
- Built SQL-centric ETL / ELT pipelines emphasizing lineage, reconciliation, and financial correctness.

- Partnered with executives, finance leaders, and engineering teams to translate complex architectures into decision-ready analytics systems.

Enterprise Data Platform & Financial Systems Transformation

- Architected a CIO executive decision support platform integrating PeopleSoft financials, Hyperion budgets, and workforce data.
- Designed a financial data lake integrating enterprise financial and operational systems enabling portfolio analytics and saving over \$1.2M annually.
- Led migration of legacy ETL infrastructure from SSIS to Azure Data Factory modernizing enterprise data pipelines.
- Deconstructed complex PeopleSoft Financials queries and rebuilt governed reporting views supporting automation and analytics.
- Implemented cross-system procurement analytics integrating Ariba and PeopleSoft financials for end-to-end operational visibility.

Financial Systems Engineering & Enterprise Applications

- Managed development of a custom enterprise Time & Labor platform supporting complex government-contracting compliance requirements.
- Reduced batch processing runtime from 7 hours to 2.5 hours through architecture redesign and database optimization.
- Designed a flexible system architecture that reduced acquisition onboarding costs by a factor of five.
- Delivered integrated platforms connecting General Ledger, Project Costing, Payroll, Benefits, and Time Accounting.

Certified Public Accountant & Advisory Practice

Founder of a CPA advisory practice providing accounting, tax, and financial advisory services to businesses and individuals with emphasis on financial systems design and reporting architectures.

Adjunct Professor of Finance

Taught finance and accounting information systems at the senior undergraduate level and mentored students in applied financial analytics and decision-making.

Technical & Functional Expertise

- Enterprise data architecture and analytics engineering
- Enterprise data warehousing and constellation schemas
- Relational data modeling and SQL-centric transaction systems
- ETL / ELT pipelines and data platform engineering
- Financial systems architecture and accounting data models
- SQL Server, Snowflake, Oracle
- Azure Data Factory, SSIS

- Power BI, Tableau

Education & Credentials

Master of Business Administration (MBA), Finance

Certified Public Accountant (CPA)

Project Management Professional (PMP)

Extensive undergraduate and graduate coursework in Computer Science and Information Systems