

# Ronald D. Akins Jr.

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## SUMMARY

### Senior Data Analyst | Healthcare Analytics | ETL, BI, Data Engineering & AI Solutions

Data-driven problem solver with 15+ years of experience delivering scalable data pipelines, automated reporting solutions, and actionable insights for healthcare and financial services. Skilled in SQL, Python, Snowflake, Power BI, and data architecture design, with proven expertise translating complex datasets into automation clear, business-ready intelligence. Currently expanding expertise into AI-powered analytics solutions, including development of GPT-based tools for process optimization and healthcare data transformation.

## NOTABLE HIGHLIGHTS

- Experienced in leading cross-functional healthcare analytics projects, mentoring analysts, and presenting insights to executive leadership to drive strategic decisions.
- Deep expertise in healthcare data standards, including FHIR, HL7, ICD-10, DRG, CPT, NDC, HEDIS measures, and risk adjustment methodologies.
- Proven success leading Snowflake migrations, complex data integrations, and multi-source reconciliations, improving data integrity and reporting efficiency.
- Skilled in data-driven decision support for healthcare operations, financial modeling, and population health analytics, enabling cost optimization and improved patient outcomes.
- Strong communicator trusted by C-suite and technical teams alike for bridging business needs with technical solutions that scale.
- Extensive experience creating and managing large-scale vendor extracts and data integrations with partners including Walmart, Tyson, Performant, Machinify, and Availity, ensuring accuracy, compliance, and timely delivery.

## SKILLS & TECH STACK

### Core Tools & Languages

SQL (Server / T-SQL / DDL / DML) • Oracle • DB2 • Snowflake • SAS (EG, EM, Base: 10+ yrs) • Python (Pandas, NumPy, Seaborn, Plotly) • Power BI (DAX, Modeling) • Excel (Advanced, VBA) • Azure (DevOps included) • Tableau

### Data Engineering & Architecture

Database Design & Schema Modeling • DDL Creation & Table Design • ETL/ELT Development • Data Modeling (star & snowflake schemas) • Data Warehousing (SQL Server & Snowflake) • Reporting Automation • Metadata Management • Data Governance & Quality • Workflow Optimization • Process Automation • Ab Initio • EMR/EHR Data Integration

### Healthcare Analytics Expertise

AthenaHealth & Veradigm EMR Data • Claims • Eligibility • Provider • Pharmacy (NDC, GPI) • DRG • ICD-10 • CPT • HEDIS • Risk Adjustment • FHIR/HL7 Standards • HIPAA Compliance • Medicare/Medicaid Data • Regulatory Reporting • Population Health Analytics

### Analytics & Insight Development

Predictive & Statistical Analysis (Regression, ANOVA, Decision Trees) • Business Intelligence & Dashboard Design • Stakeholder Collaboration • Advanced Excel Analytics • KPI Monitoring • A/B Testing • Process Improvement

### AI & Automation Integration

GPT-based Analytics Prototyping • Custom AI-Driven Analytics Tools (Streamlit, Python, OpenAI API) • Multi-Model Integration (OpenAI, Gemini, Ollama) • Memory & Context Indexing (FAISS) • Speech-to-Text (Whisper) & Image Processing (Tesseract) • Natural Language Query Interfaces • Workflow Automation (VBA, Python, SAS)

## EXPERIENCE

**SNIKAR Analytics - Founder / Principal Data Consultant** | 2025 – Present | Conway, AR (Remote)

*Early-stage healthcare analytics and automation consultancy. Currently building foundational components of a HIPAA-safe analytics and AI-assisted insight platform.*

- Developing an EMR-ready analytics platform (Athena/Snowflake + SQL/Python) to automate care-gap, utilization, cost, and revenue dashboards within a scalable HIPAA-safe architecture.
- Prototyping the SNIKAR Match Matrix, a hybrid rules + AI engine for patient and provider deduplication across EMR and claims data.
- Designing an embedded analytics framework to identify process inefficiencies and quantify ROI using standardized templates and care-model metrics.
- Building a custom AI-powered analytics assistant (Streamlit, OpenAI, FAISS) for contextual reporting, anomaly detection, voice-enabled querying, and workflow automation.
- Delivering proof-of-concept automation tools demonstrating scalable, auditable healthcare data pipelines for future consulting expansion.
- Designed and prototyped an AI sandbox environment using Cloudflare Workers, OAuth2, JSON/YAML manifests, and structured, versioned memory for persistent context.
- Developed operational components including file read/write/append handlers, JSON merge-patch logic, secure authentication controls, and a schema-driven command protocol enabling safe automation.
- Created early-stage architectures for HIPAA-compliant data ingestion, validation, transformation, and automated reporting workflows.
- Debugged and resolved complex integration failures across Cloudflare, Google APIs, and custom backends (OAuth, schema validation, file access, version drift, command routing).

**Arkansas Urology, Business Intelligence Analyst (Contract) | 2025 | Little Rock, AR (Hybrid)**

**Key Contributions:**

- Architected automated reporting pipelines in Power BI and Snowflake that replaced manual Excel workflows, ensuring auditable, version-controlled financial and operational metrics.
- Partnered with leadership to design governance-aligned dashboards for revenue, wRVU variance, and downstream financial performance, improving visibility and decision-making.
- Developed integrated analytics workflows across AthenaHealth, Snowflake, and SQL systems, standardizing data lineage and ensuring HIPAA/SOC compliance.
- Created standardized KPI dashboards that unified clinical, operational, and financial reporting for executives, driving measurable process improvement.
- Served as SME on financial and clinical data modeling, ensuring integrity of Athena and Veradigm data across business intelligence environments.
- Built foundation for long-term reporting automation strategy, reducing redundant reports and aligning enterprise analytics with compliance and audit standards.

**Arkansas Blue Cross and Blue Shield, Senior Data Analyst | 2019 – 2025 | Little Rock, AR (Remote)**

- Served as the go-to problem solver for complex data issues, maintaining critical reporting pipelines and leading troubleshooting during the organization's transition to Snowflake.
- Engineered enterprise-scale ETL/ELT workflows in Snowflake, ADO, and SQL to improve data load times and ensure near-real-time reporting accuracy.
- Developed executive-ready Power BI dashboards integrating claims, pharmacy, and financial data for strategic decision-making across finance, operations, and C-suite stakeholders.
- Designed and automated ETL processes using SAS Enterprise Guide, PROC SQL, and Python/Pandas to deliver high-quality, auditable healthcare datasets for vendors, legal, and internal teams.
- Led migration of legacy vendor extract systems from mainframe to Snowflake, managing mapping, transformation logic, validation, and testing for accurate, seamless cutover.
- Created standardized data solutions for claims, eligibility, provider, and pharmacy (NDC, DRG, ICD-10, HEDIS) data to support operational, quality, and regulatory initiatives.
- Delivered specialized ad hoc extracts for high-priority requests such as opioid litigation research, diabetic population isolation, and cross-coverage analysis under strict compliance deadlines.
- Architected and implemented CHI "superset" frameworks unifying eligibility, claims, provider, and pharmacy data files, eliminating redundant extracts and enabling scalable cross-network analytics.

- Led full lifecycle development of CHI reporting solutions, from data discovery and mapping through delivery of multi-organization extracts supporting population health and quality reporting.
- Partnered with CIO, VPs, and leadership to align analytics initiatives with enterprise strategy and improve payer/provider performance visibility.

#### **ABC Financial Services, Data Analyst II | 2017 - 2019 | Sherwood, AR**

- Delivered high-visibility ad hoc reports and KPI dashboards for national and international health and fitness brands, supporting executive decision-making on membership retention and revenue growth.
- Conducted deep-dive analyses on customer behavior, billing trends, and churn drivers, enabling targeted interventions that improved retention rates by double digits in several markets.
- Developed and automated reporting pipelines using SQL in Microsoft Access, Power BI, and Excel, reducing manual reporting time by 40% and improving accuracy of recurring executive reports.
- Acted as a bridge between business stakeholders and technical teams, gathering requirements and ensuring accurate data translation for leadership presentations.
- Supported data governance initiatives, identifying inconsistencies across multi-country datasets and implementing corrective processes to ensure reliability.

#### **Hewlett Packard Enterprise (HPE), SVC Information Developer Team Lead | 2014 - 2017 | Conway, AR (Remote)**

- Managed a technical team responsible for client-facing data implementations and workflow support; coordinated timelines, resource allocation, and QA across multiple deliverables.
- Supported full-cycle testing including unit, integration, and UAT to ensure accuracy of ETL pipelines and dashboard deliverables.
- Managed a multi-year Medicaid and Medicare data integration project for the Commonwealth of Kentucky, supporting state-level reporting, policy analytics, and federal compliance.
- Worked extensively in Oracle server environments, editing scripts directly in VI mode to process and manage large volumes of eligibility and claims data.
- Oversaw data migration, validation, and optimization processes, reducing reporting turnaround times and improving dataset quality for state and federal stakeholders.
- Coordinated with cross-functional teams to establish robust data governance protocols, ensuring HIPAA-compliant handling of sensitive health information.

#### **Acxiom, Database Delivery Analyst | 2010 - 2014 | Conway, AR**

- Engineered large-scale marketing data processes for Citigroup's Infobase platform, managing multi-terabyte datasets and complex customer segmentation rules for nationwide campaigns.
- Designed and executed high-volume ETL workflows across multiple transformation layers to deliver precise targeting for direct mail, email, and statement-insert campaigns.
- Collaborated with cross-departmental teams to resolve data issues and enhance delivery accuracy, ensuring timely and compliant distribution of multi-million-record data files.
- Wrote and optimized SAS scripts to transform, validate, and extract datasets; coordinated testing and approvals with Citigroup stakeholders prior to production release.
- Developed an innovative scheduling solution ("dummy job" automation) that eliminated repetitive manual processes and inspired adoption of enterprise-wide automation frameworks.

#### **UPS, Operations Supervisor PT | Jul 2002 - Mar 2013 | Little Rock, AR**

- Spent 11 years keeping chaos on track.

## **EDUCATION**

University of Arkansas: Master • **Business Healthcare Analytics (Expected May 2026)**

University of Central Arkansas: Bachelor • **International Studies & Economic Development**

Arkansas State University-Beebe: Associate • **Business Administration**

## **LICENSES & CERTIFICATIONS**

SAS Enterprise Guide 1 & 2 | Certified SAFe® Agilist (SA) | Certified SAFe® Practitioner (SP)