

OLUBISI AJETUNMOBI

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Summary

Strategic and technically skilled analytics leader with 10+ years of experience transforming healthcare and digital organizations through data. Proven ability to set technical vision, lead and grow high-performing BI teams, and drive adoption of scalable data models and actionable insights. Expert in SQL, Python, and data visualization, with a track record of partnering cross-functionally to uncover opportunities that improve clinical, financial, and operational outcomes. Passionate about leveraging data to empower inclusive, equitable, and mission-driven care.

Skills

- **Languages & Analytics:** Python (10+ Years), SQL (10+ Years), R, Machine Learning, AI & Deep Learning, NLP, Data Wrangling, Statistical Analysis, A/B Testing, Statistics, Docker, ETL, Microsoft Office Suite
- **Big Data & Cloud:** Redshift, Snowflake, Databricks, S3, Spark, Hadoop, Azure, BigQuery
- **Data Visualization & Reporting:** Tableau (7+ Years), Looker, Excel, Power BI, Data Storytelling, Predictive Analytics
- **Healthcare Data & Compliance:** HIPAA, EHRs (Epic Clarity, Caboodle), Healthcare Claims & Cost Analysis

Work Experience

CVS Health

Remote

Payer Insights Manager

September 2022 – Present

- Lead, mentor, and develop a high-performing Business Intelligence team, fostering growth and collaboration across technical and non-technical stakeholders
- Spearhead design and implementation of data science solutions to address complex business logic and user workflows, including claims adjudication pain points - uncovering a \$1.5 million annual savings opportunity through automation of 11% of reject scripts
- Partner with stakeholders to evaluate and recommend AI and analytics use cases, improving Medicare/Medicaid cost efficiency and reducing administrative burden
- Develop and validate machine learning models (e.g., random forest) with 85% accuracy to predict the Next Best Action for rejected scripts, enhancing claims resolution pathways
- Design and maintain a python script with SQL queries that automates 10+ weekly reports which reduces manual workload by 10+ hours per week while ensuring consistent report quality

HIMSS

Remote

Lead Research Data Analyst

March 2021 – September 2022

- Founded and led the new Office of Scientific Research department at HIMSS, setting the technical vision, managing a growing team (expanding from 2 to 4), and overseeing strategic initiatives that enhanced data-driven decision-making across the organization
- Designed, developed, and implemented scalable data structures and analytics pipelines incorporating internal and 3rd party data sources (e.g., Leapfrog, CMS), enabling robust reporting and advanced analyses
- Led partnerships across departments to define data standards, streamline data integration, and improve analytic consistency
- Directed and executed cross-functional reporting and data model solutions in SQL and Python, contributing to organizational alignment and insights delivery
- Published two peer-reviewed papers as part of the department's strategic research mission, showcasing HIMSS' data excellence in healthcare analytics
- Explored and evaluated emerging technologies, tools, and trends to drive innovation and improve effectiveness of analytics processes
- Conducted advanced multivariate regression modeling and machine learning sentiment analysis, achieving 90% accuracy
- Developed automated Tableau reports using Python, R and SQL, reducing time spent on reporting by 70%

Rush University Medical Center

Chicago, IL

Senior Data Clinical Analyst

March 2020-March 2021

- Harmonized clinical and financial data to support action plans, increasing cost efficiency by 12%
- Trained and educated end-users on how to use Tableau dashboards effectively, resulting in a 20% improvement in data literacy
- Led the financial forecasting and budgeting for multiple departments, resulting in a 10% increase in cost savings

Cognizant Consultant at Express Scripts

Austin, TX

Customer Facing Data Engineer and Data Scientist

August 2018- February 2020

- Managed over 50 million Medicare/Medicaid claims records, ensuring data governance and compliance with federal billing guidelines
- Created models using Python to forecast patient outcomes, achieving an 80% accuracy rate and supporting better plan management

Education

University of Michigan

Ann Arbor, MI

Master of Health Informatics

May 2018

Bachelor of Arts in Global Environment and Health

August 2015

Publications

Ajetunmobi, O, et. al. (2024). Digital Maturity as a Strategy for Advancing Patient Experience in US Hospitals. Journal of Patient Experience, 11, 23743735241228931. doi: 10.1177/23743735241228931