

Senior Healthcare Analytics professional with 6+ years of experience delivering data-driven consulting and analytical solutions across US healthcare and life sciences, specializing in Revenue Cycle Management (RCM), Clinical Analytics, and Enterprise BI

CORE COMPETENCIES <ul style="list-style-type: none">Business AnalysisHealthcare Consulting & AnalyticsRevenue Cycle Management (RCM)Clinical & Financial AnalyticsEnterprise BI & DashboardingPredictive & Advanced AnalyticsData Strategy & GovernanceCloud Data Platforms (Azure, Databricks)HIPAA Compliance & Data SecurityStakeholder & Executive ManagementAgile Delivery & Program LeadershipData Analysis, Power BITeam Management	PROFILE SUMMARY <ul style="list-style-type: none">Expert in SQL, Python, Databricks, Tableau, & Power BI, delivering predictive models, cloud data platforms, and executive dashboards for Fortune 500 healthcare clients.Proven track record as a business analyst, adept at understanding and translating business requirements into actionable insightsManaged large-scale BI programs, predictive modeling initiatives, and cloud data migrations for Fortune 500 healthcare clients, improving decision-making efficiency by up to 40% and strengthening data governance & HIPAA compliance.Strong experience in cross-functional coordination, operational streamlining, and service quality improvement in fast-paced client environments.Recognized for strong stakeholder leadership, analytical rigor, and the ability to drive measurable business impact at scale.
IT SKILLS(UP-SKILLING) <ul style="list-style-type: none">Essentials of GenAIAdvanced Business CommunicationPrompt EngineeringSnowflake and Databricks	NOTABLE AWARDS <ul style="list-style-type: none">Conferred with the following awards for delivering exceptional performance<ul style="list-style-type: none">The Pioneer Award for H1 2025The Genius Award for Q4 2024The Stellar Performance Award in Q2 2023 CERTIFICATIONS: <ul style="list-style-type: none">HFMA (Certified Revenue Cycle Representative (CRCR)) Nov 2025Data Science Certification Analytical Edupoint, New Delhi 2022 ACADEMIC DETAILS <ul style="list-style-type: none">Advanced PG (Clinical Research and Data Management) Clini India Academy for Clinical Research, Bengaluru, Karnataka 2020Bachelors in Biotechnology HNB Garhwal University, Srinagar, Uttarakhand 2019

CAREER TIMELINE

EXL SERVICE.COM (INDIA) Private Limited, Noida Jan 2022 – Present

Growth Path: Business Analyst and promoted as Senior Business Analyst

- BI & Analytics Leadership:** Handling development of **enterprise BI solutions** for a Fortune 500 US healthcare client, supporting executive and operational decision-making. Designing and delivering **RCM, financial, & operational dashboards** using SQL, Tableau, Power BI, Databricks, and Azure.
- Advanced Analytics & Modeling:** Developing predictive models for **churn, financial forecasting, charges, and payments using Python and SQL**. Integrating structured and unstructured healthcare data to deliver actionable insights with high predictive accuracy.
- Data Engineering & Cloud Solutions:** Supporting cloud-based analytics architectures, leveraging **Databricks, PySpark, and Azure**. Performing data cleansing, transformation, validation, & performance optimization to ensure scalable/sustainable solutions.
- Data Governance, Quality & Security:** Driving data governance initiatives, **improving data quality, stewardship, and security awareness**. Implementing SQL-based data masking, and role-based access controls, **ensuring HIPAA compliance**.
- Stakeholder & Delivery Management:** Communicating with stakeholders across business, analytics, & engineering teams using Agile/Scrum methodology. Leading delivery teams of up to 10 members, aligned with business goals & on-time delivery.

KEY PROJECTS EXECUTED

Title: Enterprise Data Migration – SQL Server to Databricks

Methodology: Agile

Domain: US Healthcare | Revenue Cycle Management

Tools: SQL Server, Databricks, PySpark, Azure, Data Security Frameworks

- Led and executed migration of **120+ Epic Clarity tables** from on-prem SQL Server to Databricks cloud platform.
- Performed **source-to-target mapping, data validation, & reconciliation** to ensure accuracy and completeness.
- Implemented **data anonymization, de-identification, and role-based access controls** to meet HIPAA requirements.
- Supported PySpark transformations and optimized SQL logic post-migration.
- Achieved **45–55% improvement in query performance** and **~40% reduction in processing time**, thus enabling faster analytics and reporting.

Title: Post Acute Care (PAC) Market Analytics – Process Development

Methodology: Agile

Domain: US Healthcare | Post Acute Care Market

Tools: Power BI, Tableau, SQL, Databricks, Python

- Contributed towards **end-to-end development** of PAC market analytics dashboards for strategic insights.
- Built **POCs** during initiation to define dashboard structure, KPIs, and analytical approach.
- Designed business logic for **market trends, performance benchmarking, and competitive analysis**.
- Developed Power BI and Tableau dashboards with Databricks and SQL as backend sources.
- Enabled **automated refresh and reporting**, reducing manual effort by **60%+**.
- Improved client visibility into market trends by **30–40%**, supporting identification of growth opportunities & industry leaders.

OTHER PROJECTS:

- **BI Solution Implementation for Healthcare Fortune 500:** Delivered enterprise BI solutions that **improved decision-making efficiency by up to 40%**.
- **Financial Dashboards Development:** Designed and maintained **130+ dashboards** across financial, RCM, and operational domains, **enabling 25% faster insights** and improved business visibility.
- **Predictive Modeling for Financial Forecasting:** Built **predictive models** for churn, charges, payments, and financial forecasting, **achieving 96–97% accuracy** in key RCM use cases.
- **Charges & Payments Prediction:** Improved **data processing and query performance by 30–55%** through SQL optimization, Databricks migration, and cloud-native design.
- **SPOG Financial Dashboard:** Implemented a centralized financial dashboard using Power BI, achieving 20–40% improvement in decision-making speed. Enhanced accessibility facilitated proactive strategic planning, driving organizational agility.
- **Comprehensive Dashboards Creation:** Managed 130+ dashboards using SSIS, SQL Server, and Tableau, resulting in 25% faster decision-making and 20% improved visibility. Empowered stakeholders with tailored insights across diverse business areas.
- **RCM Dashboards for Healthcare:** Implemented innovative RCM dashboards, improving operational efficiency by 10–30%. Real-time visibility enhanced decision-making, reducing denial rates and accelerating revenue capture.
- **Data Security Enhancement Project:** Implemented **SQL-based data masking and security controls**, **reducing data exposure risks by 80–90%** and strengthening HIPAA compliance.

MEDPHINE, Kimaya Medical Solutions, New Delhi | Data Analyst

Nov 2019 – Jan 2022

Analyzed EMR/EHR data in Oncology across Breast Cancer, Lung Cancer, and Cholangiocarcinoma, supporting accurate diagnosis and treatment planning

- Reviewed and interpreted **clinical, genetic, & diagnostic data**, including progress notes, consult notes, histology, biomarkers, TNM staging, and therapy pathways.
- Annotated structured & unstructured healthcare data from genetic testing platforms (Foundation One, Oncotype DX, Invitae).
- Managed large-scale healthcare databases (GB–TB scale) using SQL to support data extraction, validation, and reporting.
- Supported pre-visit planning & longitudinal patient tracking, ensuring data completeness for primary/secondary diagnoses.
- Adhered to clinical SOPs, oncology guidelines, and data quality standards through continuous process updates.

Highlights:

- **Annotated & abstracted 2,500+ oncology reports**, improving clinical data accuracy and usability across oncology workflows.
- **Improved the accuracy of patient daily, consult, genetic, and chemotherapy reports by 50–60%**, enhancing adverse event identification and care documentation.
- Optimized SQL queries and data models, **achieving ~30% faster data retrieval** across multiple healthcare datasets.
- Enabled more reliable treatment planning by improving consistency in **mutation mapping, staging, and therapy classification**.
- Contributed to scalable healthcare data systems that supported patients with clearer diagnostic and clinical insights.