

# Clark Kinsey Joseph

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## PROFESSIONAL SUMMARY

Boston-based MBA Candidate and Healthcare Data Analyst specializing in Revenue Cycle and Operations. I engineer high impact data solutions for the finance, operations, and clinical research departments.

## TECHNICAL SKILLS

**Healthcare Informatics:** HIPAA Compliance, PHI Data Handling, OMOP Common Data Model (CDM), OHDSI Tools (ATLAS), Clinical Cohort Definition, ICD-9/10 & CPT Coding Concepts.

**Technical Stack:** SQL (BigQuery, T-SQL, PostgreSQL), Python (Pandas), Microsoft Power BI (DAX), dbt, AWS (Lambda), Git, Snowflake, Tableau, Microsoft Excel

## EDUCATION

**Bentley University** | MBA, Business Analytics | *Expected Dec 2026* | **UMass Boston** | BS, Information Technology (Business Intelligence) | *May 2024* | Honors: Dean's Honors List 2022-2024 | Major GPA: **3.52**

## HEALTHCARE ANALYTICS PROJECTS

### Revenue Cycle Dashboard (Power BI | BigQuery | SQL) - *Financial Analytics & Claims*

- Engineered a financial dashboard on a real-world claims data to analyze revenue loss and denial rates
- Used Power Query to clean, transform, and map messy billing codes, creating a custom, "aging bucket" logic
- Wrote 7 DAX measures to track revenue loss, identifying teams and payers responsible for at-risk revenue

### OMOP Cohort Study (PostgreSQL | SQL | OMOP CDM) - *Clinical Informatics & ETL*

- Engineered ETL pipeline to populate a PostgreSQL OMOP database with 100k+ Synthea patient records
- Authored advanced SQL logic (CTEs, Window Functions) from scratch, building a research-grade cohort of 69 patients with 'Newly Diagnosed Type II Diabetes'
- Wrote characterization query to identify "Top 10 Comorbidities"

### ICU Operations Dashboard (Power BI | DAX | Power Query) - *Hospital Operations & Capacity*

- Built an executive level dashboard on the 1M+ row MIMIC-III Demo database to monitor hospital operations
- Wrote a high performance "Master" SQL query to join 5 tables, transforming a complex schema into a clean analysis table
- Calculated 4 critical KPIs (ALOS, mortality, ER Wait time, total ICU Stays) to provide leadership with real-time operational insights

## PROFESSIONAL EXPERIENCE

Enel North America ( Energy / Software Company )

July 2023 – January 2024

Boston, MA | **Application Support Intern**

- **SQL & Data Analysis:** Analyzed CRM datasets to identify root causes for discrepancies, improving account accuracy by 20%
- **Process Automation:** Engineered an automated data synchronization process using Swagger API/Postman
- **Dashboard Development:** Designed Salesforce/Excel dashboards to monitor monthly KPIs and ticket volume, reducing the time spent on manual reporting by 30%.

## CERTIFICATIONS

SQL (Intermediate) Verified Skill - HackerRank (complex joins, subqueries, & aggregations) • dbt Fundamentals dbt Labs (2025) • AWS Knowledge: Serverless (AWS Lambda, API Gateway, DynamoDB) • Certified Revenue Cycle Representative (CRCR) - HFMA • Microsoft Power BI Data Analyst Professional Certificate • Google Data Analytics Certificate