

Clark Kinsey Joseph

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SUMMARY

MBA Candidate with a BS in IT (Business Intelligence). I translate complex departmental questions, from finance, operations, and clinical research, into high impact data solutions. My portfolio is a series of case studies proving my ability to drive revenue, optimize patient flow, and support advanced research.

TECHNICAL SKILLS

- **Languages & Databases:** SQL, Python (pandas, Seaborn), DAX, PostgreSQL, Google BigQuery, Microsoft SQL Server
- **BI & Visualization:** Power BI (Power Query, DAX), Tableau, Excel (Pivot Tables)
- **Informatics & Tools:** OMOP CDM, OHDSI (ATLAS), Synthea, GitHub

PORTFOLIO PROJECTS

SEE MY FULL SOLUTIONS MENU AND LIVE DEMOS : [Portfolio](#)

ICU Operations Dashboard (Power BI | DAX | Power Query)

- Built an executive level dashboard on the 1M+ row MIMIC-III database to monitor hospital operations
- Wrote a single, high performance “Master” SQL query to join 5 tables, transforming a complex schema into a clean table for analysis
- Calculated 4 critical KPIs (ALOS, mortality, ER Wait time, total ICU Stays) to give leaders a real time tool to identify and fix issues

Revenue Cycle Dashboard (Power BI | BigQuery | SQL)

- Engineered a 2-page financial dashboard on a real-world claims dataset to analyze revenue loss
- Used Power Query to clean, transform, and map messy billing codes, creating a custom, “aging bucket” column
- Wrote 7 DAX measures to track total revenue lost and denial rate, identifying the teams and payers responsible for the most at-risk revenue

CHF Root Cause Analysis (Python | Pandas | SQL)

- Conducted an ad-hoc analysis in a Python (Jupyter) notebook to find the “why” behind Congestive Heart Failure readmissions
- Wrote an advanced master SQL query using CTEs and Window functions to build a targeted cohort of CHF patients from the MIMIC-III database, pulling their full lab and demographic history
- Proved with a Seaborn box plot that high creatinine (poor kidney function) was a top clinical predictor, providing an actionable insight for the quality team

OMOP cohort Study (PostgreSQL | SQL | OMOP CDM)

- Engineered a complete ETL pipeline to build a PostgreSQL OMOP database to where i populated it with 100k+ synthetic synthea records
- Bypassed UI tools and wrote advanced SQL algorithms(CTEs, (ROW_NUMBER())) from scratch to build a research-grade cohort of 69 patients with ‘Newly Diagnosed Type II Diabetes’
- Wrote a second characterization query to identify the “Top 10 Comorbidities”, proving mastery of informatics and clinical data analysis

PROFESSIONAL EXPERIENCE

Bank Of America

Boston, MA | Relationship Banker

May 2025 - Present

- Engage customers to process transactions, open accounts, address inquiries, and resolve service issues, ensuring a smooth and efficient banking experience
- Uncover client financial goals and offer tailored recommendations for Bank Of America products, including credit cards, loans, and investment referrals, to deepen relationships and drive sales
- Handle cash, manage financial documentation, and adhere to all bank policies and regulatory requirements to maintain operational integrity and mitigate risk

Enel North America (Energy / Software Company)

July 2023 – January 2024

Boston, MA | Application Support Intern

- Developed Excel visualizations for monthly KPI’s, automated CRM data synchronization using Swagger API and Postman, improving data accuracy by 10-20%
- Created Salesforce dashboards to monitor issue tickets, reducing reporting time by 20-30%, analyzed CRM datasets with SQL to enhance account management
- Documented all solutions for recurring issue tickets on confluence, increasing resolution speed by 50%
- Created real-time reports that collected and categorized incoming issue tickets optimize resolution workflow

EDUCATION

Bentley University McCallum Graduate School of Business, Waltham, MA

Masters In Business Administration, Business Analytics

January 2025 - May 2026

relevant coursework: Investments, Managerial Statistics, Accounting for Decision Making

University of Massachusetts Boston, Boston, MA

Bachelors of Science, Information Technology

May 2024

Concentration: Business Intelligence

- Honors: Dean's Honors List 2022-2024 | Major GPA: 3.52