

Akram Mohammed

akrammohammed09@gmail.com | [LinkedIn](#) | Github | (925) 905-6360 | Dublin, CA.

Business Analytics Graduate Candidate | Data-Driven Problem Solver

Master's candidate in **Business Analytics** at **Cal State East Bay** with hands-on expertise in **Python** (pandas, NumPy, scikit-learn) and **SQL** (CTEs, Window Functions, Stored Procedures) for **data transformation, predictive modelling, and ETL**. Skilled in automating **Excel dashboards** (VLOOKUP, Pivot Tables, Macros) and building interactive **Tableau** visualizations. I align **technical attention** with **business strategy** to **improve KPIs**, and **drive revenue**. Seeking a **Data Analyst/Business Analyst** roles to apply my **technical skills** in a **data-driven environment**.

EDUCATION

CALIFORNIA STATE UNIVERSITY, EAST BAY (Hayward, CA)

Master of Science, **Business Analytics** | Expected Graduation: Spring 2025

Relevant Coursework: Data Mining, Machine Learning, Statistical Analysis, Database Management

SWANSEA UNIVERSITY (Swansea, Wales, UK)

Bachelor of Science, **Economics** | Graduated 2018

SKILLS

- **Technical:** Python (pandas, NumPy, scikit-learn), R, SQL (complex queries, CTEs, Window Functions, Stored Procedures, ETL), Excel (VLOOKUP, Pivot Tables, Macros), Tableau, Power BI, Data Visualization, Predictive Modelling, Machine Learning
- **Analytical:** Data Analysis, Financial Modelling, Statistical Analysis, KPI Design, Business Intelligence
- **Soft Skills:** Communication, Cross-Team Collaboration, Problem-Solving, Presentation, Agile Adaptability, Stakeholder Management.

WORK EXPERIENCE

PROJECT IMPACT – California State University East Bay | Tutor (Jan 2024 – May 2024)

- Increased **academic performance** for **85%** of assigned learners by designing **data-driven strategies** tailored to students with learning disabilities.
- Led weekly **cross-functional** meetings with faculty and administrators, presenting **data insights** that optimized tutoring resources and improved underperformance rates by **25%**.
- Built **Excel-based dashboards** (using **VLOOKUP, Pivot Tables**, and macros) to track weekly student progress, enabling quick course-correction and **real-time decision-making**.

FEDERAL INLAND REVENUE SERVICE – Lagos, Nigeria | Tax Data Analyst (Oct 2020 – 2023)

- Created a **revenue forecasting model** using **SQL queries** and **Excel analytics** that improved **prediction accuracy** by **10%**, resulting in a **\$100,000 increase** in tax payments.
- **Automated monthly data ingestion processes** by building **ETL pipelines** with SQL, reducing **data processing time** by **30%** and improving **reporting consistency**.
- Developed **interactive Tableau dashboards** for leadership, translating **complex tax datasets** into easily digestible insights and facilitating **data-driven policymaking**.

PROJECTS

Data Mining for Business Insights

- Led a **team-based data mining project** to **analyse real-world business datasets**, using techniques such as **multiple linear regression, k-nearest neighbours**, and **clustering**.
- Incorporated **Python libraries** (pandas, scikit-learn) and **R** for **exploratory data analysis, model building, and evaluation**.
- Recommended **strategic process improvements** based on **predictive models**, culminating in a **12% increase in operational efficiency** for a pilot retail client.