

James Christian Oblea

(403) 919-8706 | Calgary, AB | jameschristian.oblea@gmail.com | ca.linkedin.com/in/james-oblea

HIGHLIGHTS OF QUALIFICATION

- **Master's graduate with 1+ years of experience in data visualization**, driving business decisions by extracting actionable insights and optimizing key performance indications (KPIs).
 - **Experienced in building machine learning models to facilitate academic research** – one of which was presented in the Alberta Children's Hospital Research Institute (ACHRI) research symposium.
 - **Languages & Frameworks:** Python, R, SQL, JavaScript, HTML/CSS, Streamlit
 - **Database Management Tools:** PostgreSQL, Microsoft SQL, MongoDB, Oracle Database, AWS RDS, Databricks
 - **Business Intelligence Tools:** PowerBI, Tableau
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EMPLOYMENT EXPERIENCE

Data Analyst Intern, TOSSA Sustainability (Calgary, AB)

May 2024 – August 2024

- **Consolidated over 2000 rows of employment data across 4 different open government resources and automated future data collection process**, enabling current and future analysts and stakeholders to have greater access to relevant data.
- **Developed and presented 13 dynamic and interactive visualizations**, illustrating the comparative employment wages and working hours in different Alberta industry sectors and demographics.

Business Analyst, VantEdge Logistics Inc. (Calgary, AB)

June 2022 – June 2023

- **Established a new workflow system for business operations along with the deployment of a new customer relations management system**, enabling stakeholders to monitor business success across 20 different clients and target resources on key ventures.
- **Liaison between operation and development teams of 20 people**, managing the assignment of 30 weekly tasks and tickets ensuring customer success.
- **Developed an internal tool to optimize the processing of PDFs and trained new recruits**, enhancing the efficiency and accuracy of work performed by business operations.

Math Tutor, Math Pro Learning Centre (Calgary, AB)

February 2019 – November 2023

- **Educated and mentored over 50 students across different levels of school**, significantly improving academic performance.
 - **Collaborated with management in establishing an online tutoring module**, supporting business operations during COVID.
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EDUCATION

Master of Data Science and Analytics, University of Calgary (Calgary, AB)

September 2023 – August 2024

Bachelor of Science in Mathematics and Statistics, University of Calgary (Calgary, AB)

September 2015 – May 2020

Bachelor of Science in Psychology, University of Calgary (Calgary, AB)

September 2015 – May 2020

PERSONAL PROJECTS

Converge - Data for Good Datathon, PowerBI & Python

March 2025

- **Analyzed Calgary call records data to identify 3 key predictors of failed referral conversion**, highlighting the gaps in mental health service across underserved populations.
- **Developed geospatial visualizations to pinpoint areas with low connection rates to appropriate services**, providing actionable insights for targeted outreach and resource allocations.
- **Mapped referral pathways through interactive dashboards**, highlighting inefficiencies in connecting callers to appropriate services and informing strategies to improve service delivery outcomes.

Calgary Crime Statistics Dashboard, PowerBI

November 2024

- **Designed and implemented an interactive dashboard with 6 dynamic visualizations**, enabling key decision makers to track and analyze year-over-year crime statistics across Calgary's communities.
- **Consolidated and integrated diverse datasets from Open Calgary**, creating a centralized database of over 50,000 rows to streamline access to crime-related insights.