AT A GLANCE

2 Researchers were responsible for leading the connections with industry partners, access to existing data, and work alongside partners staff for the optimization, implementation, and maintenance of research outcomes. 2 St. Clair College Data Analytic Student Researchers gained practical data entry, management, and analysis experiences.

Digitized Health Data Project

Project Overview

The digitization of a data collection tool with automated database repository and reporting dashboard has provided a for-profit in-home health care service provider the capacity to monitor and assess clients regarding their need for non-medical preventative health care services. Research outcomes diversified service offerings and improved clients' quality of life and supported a growing community-based preventative care initiative. The project trained St. Clair College Data Analytics students in an industry-relevant field.

Purpose/ Objective

The project saw the early adoption of digitized health data in the region, increasing partners capacity to implement industry leaders tool. Digitization took place by developing a prototype system that included a web form to collect digital data, creating a database that automatically received web form data, and designing a reporting dashboard to analyze the web form data and generate reports on client trends and needs.

Milestones

Milestone 1: Development of web forms.
Milestone 2: Development of database.
Milestone 3: Development of dashboard.
Milestone 4: Syncing, validation, and dissemination.