



CTI Covid-19 Safety Solution Helps Students Return to Campus Safely

The University's Challenge:

How do we get students back on campus and keep them there safely while maintaining compliance with ACHA and state guidelines?

- How do we make sure students and staff coming back to the University have been recently tested and screened for return to campus this fall?
- How do we protect our most vulnerable populations?
- How do we automate and manage the process of analyzing test results and deliver timely insights to our risk and safety posture?

Our Solution:

We implemented a solution to track the mandatory COVID-19 testing process for all returning students, faculty, and staff to capture negative results (OK to return) and positive results (quarantine required/not OK to return).

We also delivered the ability to track the mandatory participation of all students, faculty, and staff in the COVID safety training program regarding how to stay safe on campus and in the residential life setting.

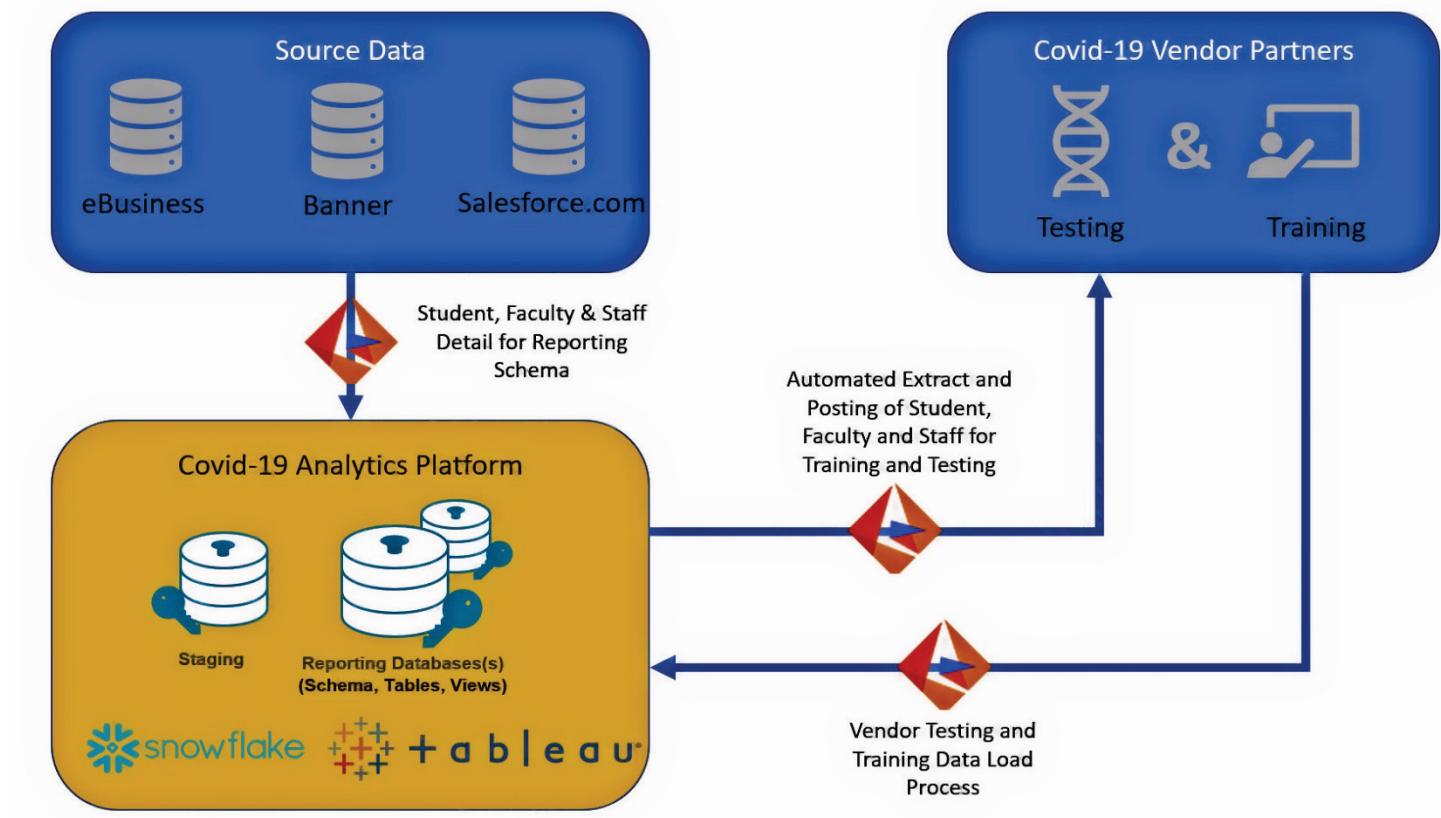
Finally, we provided the ability to trace and identify students who must isolate based on contact with COVID positive and manage and automate the retesting process for those quarantined, and to determine readiness to return to campus

Our Process:

This engagement was a fast-track project delivered in 4 weeks. We implemented the ability for students and staff to schedule tests with Quest Labs, the University, and another in-state testing facility. These labs then report the results to the University, which are aggregated, analyzed, and presented in our dashboard.

We utilized data in the University's **Salesforce.com**, **Banner**, and **Oracle eBusiness applications** for student, staff and faculty contact information and a **Snowflake** database to securely receive, store and manage access to testing results and compliance with completion of the mandatory COVID safety training programs.

The CTI Covid-19 Safety Solution



All of this information from multiple sources is delivered and integrated using **Informatica IICS**, maintained in a **Snowflake** database, and available for auditing by a state agency. The reports are developed in **Tableau**.

Our consultants implemented necessary data security for PII, PHI, and HIPAA compliance, and Snowflake provides industry-leading features that ensure the highest levels of security for the client account and users, as well as all the data stored in Snowflake.

About CTI

CTI solutions for higher education provide student life-cycle analytics across the student journey from admissions to alumni engagement. They represent a continuum of stages that a student enters as they progress through their relationship with the University.

We utilize a flexible framework that leverages data models to manage and optimize the student experience, enhance progress to degree and analyze the behaviors of alumni donors and develop campaigns to affect behavioral changes and increase donor contributions.

For more information: Contact us at Info@ctidata.com

