



University of Colorado **Boulder**

University of Colorado

LumenData helped University of Colorado consolidate 10 million+ constituent records in less than 2 hours

Challenge

Legacy and out of support Student Registry

Data synchronization and security issues

Lack of constituent data integration

Poor regulatory compliance

Objective

Consolidate constituent attributions

Map student journey and perform prescriptive analytics

Improve the response time of Fuzzy Search

Implement end-to-end data observability

Mobile device enabled UI

Implement near Realtime Data Pipeline

Solution

- ✓ Modern and centralized solution for real-time data across three campuses
- ✓ Unified stack for de-duplication, mobile enabled stewardship, and insights generation
- ✓ Implementation of predictive and prescriptive modeling
- ✓ Fuzzy Search powered by Neo4j, Kafka, and Lucene

Outcome

Consolidated 10 million+ constituent records in less than 2 hours

360-degree view of constituent data

5000 concurrent Fuzzy Search/sec < 100ms/request

Flexible and configurable matching, merging, and survivorship process

Our Services



Cloud Modernization



Data Strategy & Business Value Assessment



Data Analytics & Engineering

Our Recognitions



150+ Customers

