

Harford Community College: Transforming Data Analytics



Datatelligent



HARFORD
COMMUNITY COLLEGE

AT A GLANCE

CHALLENGES

HCC faced difficulties understanding student outcomes, tracking student progression, streamlining operations, grants and partnerships, and compliance.

PARTNERING

The collaboration journey and a competitive RFP process led HCC to choose Datatelligent for its expertise, holistic approach to data, and value.

SOLUTIONS

Datatelligent's Unified Data Platform and Analytic Solutions will empower HCC with better data, actionable insights, and continuous partnership planning.

CHALLENGES

The Demand for In-Depth Data Insights

Harford Community College (HCC) encountered several obstacles that hindered its ability to leverage data effectively. The institution faced challenges such as:

- **Addressing data silos:** Create a single point of truth, improve data integrity, democratize data, and help drive insights to serve students better.
- **Enhancing student outcomes:** Efficiency, affordability, and full lifecycle support from admission to graduation.
- **Leveraging business intelligence:** Better track trends, optimize resource allocation, and improve decision-making.
- **Streamlining operations:** For efficient scheduling, budgeting, and resource utilization.
- **Grants and partnerships:** Enable better research, innovation, and improve programs through better analytics and insights.
- **Ensuring compliance:** With regulations to secure funding and maintain transparency.
- **Develop a comprehensive data architecture:** Integrate on-prem and SaaS ERP/transactional systems into a cloud data warehouse.

HCC sought a partner that could take a comprehensive approach to these challenges and deliver a powerful, intuitive, and flexible data analytics solution.



Higher Education



www.harford.edu



Bel Air, MD

PARTNERING



After an extensive evaluation, HCC selected Datatelligent for its:

- **Expertise in Higher Education:** A solid history of success working with community colleges and higher education institutions.
- **Holistic and Customizable Solutions:** Offering design, development, training, and ongoing support with flexible, nonproprietary tools.
- **Value and Affordability:** Delivering impactful solutions that benefit various departments and stakeholders.
- **Tailored Approach:** Datatelligent's agile methodology, pre-built datasets, and KPIs aligned perfectly with HCC's goals, ensuring swift implementation and lasting flexibility.

SOLUTIONS



Datatelligent's partnership with HCC will deliver transformative data analytics solutions, including:

- **Unified Data Solutions:** Full integration and visualization on the Snowflake Cloud Data Platform.
- **Analytic Solutions:** These include Admission Funnel, Enrollment Trends, Students At-Risk, Academic & Faculty Success, Budget Forecasting and Marketing Effectiveness, and Predictive or Generative AI Solution
- **Data Pipelines:** Streamlined data flow powered by Azure Data Factory and Logic Apps.
- **Annual Partnership Planning:** Continuous collaboration to explore new opportunities for advanced analytics solutions, including AI and machine learning capabilities.

CONCLUSION



Harford Community College's choice to partner with Datatelligent underscores its dedication to using data to drive institutional growth and student success. By tackling HCC's specific challenges and offering customized solutions, Datatelligent empowers the college to make informed, impactful decisions that will benefit students, faculty, and the wider community. HCC and Datatelligent are paving the way for a data-driven future in higher education.



After an extensive evaluation, Harford Community College selected Datatelligent for their proven expertise in higher education, flexible and customizable solutions, exceptional value, and tailored approach. Their agile methodology, pre-built datasets, and KPIs align perfectly with HCC's goal to enable better outcomes for our students, faculty, and staff.

Greg Works
Director of Institutional
Effectiveness
Harford Community College