Predictive Analytics
Consideration of Options

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- Operations Director
  - Project--Trib.com
- IT Manager
- Adjunct-Casper College
- VP of Technology
- IT Administrator
  - Appointed by Governor to HIE
  - Identity matching across 68 programs
- CTO-Community College Commission
  - Created ERP for Family Literacy Program
- Used to have the Wyoming State record, 1268lbs growing at an elevation of 6100
Where We Started

2012

- Migrate our systems from HP-UX to Windows Server
- Moved from Unidata to MSSQL as the database

Continued work with the community colleges to agree to share data.
Created a custom system (Data warehouse) to take files from each college.

- Bi-monthly downloads with student data being downloaded nightly.
- Leverages SAP Business Objects
- The Data Committee was promoted to the Data Governance Institutional Research Council.
- Created an application the colleges use to make sure the data conforms to the agreed upon standards
Received a very small appropriation

- Identity Matching Software
  - OtisEd
- Visualization Software
  - Tableau
- Predictive Analytics
  - Started with the vendor who scored the best in the RFP, but was clearly not a good fit.
Exhaustive Research and Demos

- Civitas
- EAB
- Nuro Retention
- Rapid Insight
- Starfish by Hobsons
- Enrollment Builders, RNL, Capture

It was discovered that this is just not a data analytics project, but that there are opportunities to support student attainment.
Assumptions

- UW is interested in participating, but will not be involved in the community college’s final decision.

- The community college presidents will be making the final selection of the product with guidance/suggestions from their local IR directors, CIOs and AAC/SSC input.

- The AAC and SSC will drive the project at their institutions and coordinate any internal meetings with IT/IR/presidents.
Potential Risks

- We currently have permissions by State procurement to purchase the analytics product without issuing a RFP first, based off prior research and prior RFP process.

- The business case supports the predictive analytics piece, but might not support the front-end “student-engagement” piece.

- What is the cost in staffing to run this product at a college?

- Will college faculty adopt the use of the product?

- Will the product meet the expectations integrating into Colleague and Canvas?
Options For Moving Forward

- Consider participating in the EAB and Civitas demos hosted by LCCC.
  - EAB-October 9\textsuperscript{th}
  - Civitas-October 16th

- Please feel free to reach out to me if you have any questions or concerns. andy.corbin@wyo.gov