Strategy on a Page – Data Integrity

DATA ANALYTICS, BUSINESS INTELLIGENCE AND DATA INTEGRITY WORK GROUP STRATEGY

Charter: Establishing a single, enterprise analytics solution that can be leveraged across agencies and aggregated for state-wide metrics, reporting, dash boarding and predictive analytics.

State of BI in 2015

Top Characteristics

- Duplicated, disconnected efforts across departments
- Mind set of data ownership at the department level
- Legal challenges sharing data
- Inability to easily aggregate data across departments
- Smaller departments are at a disadvantage due to cost of solution

Top Current State Metrics

- Hundreds of data sharing agreements
- Several analytics solutions in place using different technologies
- Days or weeks to move data
- Data duplicated and stored multiple times

Top Initiatives*

1. Procure necessary tools
2. Hire key staff
3. 360 degree view of an individual/child pilot
4. Secure federal funding

Top Underlying Beliefs and Assumptions

1. An enterprise solution will provide the necessary aggregation of data for predictive analytics
2. Departments will be able to leverage this solution and be more productive with less cost
3. Data will be able to be shared between departments quicker due to everything being in one place
4. Legal concerns will be able to be alleviated

State of BI in 2017

Top Characteristics

- Single, unified solution with collaboration across departments
- Ability to share data under master sharing agreement
- Data aggregation is happening quickly for multiple departments
- Smaller departments have the same analytics capabilities as larger departments

Top End State Metrics

- Number of data sharing agreements reduced considerably
- Reduced cost of multiple solutions
- Cross-department data is quickly available
- Cost of duplicative storage of data greatly reduced

Statement of Risk: The current mind set of data ownership being at the department level and overall security concerns of the data and system not being managed by department staff will create challenges with adoption of a single, enterprise solution.

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