

State Data Catalog





User ID : Adita.Karkera@arkansas.gov | SysAdmin | 7/17/2019 9:55:18 AM

Logout

Data Asset User Agency Area Sensitivity Access Rating Role

Data Asset Add

Export To: W X To: Export all fields X

Filter: Arkansas Department of Infor

Search:

115 Records Found

Agency	Name	Description	Data Steward	Business Owner	Sensitive	Public Access
X Arkansas Department of Information Systems	Accounting System (Great Plains)	A complete enterprise resource planning (ERP) solution used for maintaining accounting system of agencies.	Linda McClelland	Amy Buss	No	Closed
X Arkansas Department of Information Systems	Active\VoIP	Process and documentation to provide site estimates and install information	Michael Mabry	Michael Mabry	No	Closed
X Arkansas Department of Information Systems	AlertSense	Emergency Text Notification System	Janet Clark, Casey Stokes, Donnie Matthews	Janet Clark	No	Open
X Arkansas Department of Information Systems	Andover at SDC West	Building management tool	Brian Fortson	Brian Fortson	Yes	Closed
X Arkansas Department of Information Systems	App Dev Defect Tracking	Development defect tracking system	Chris Chuah	Chris Chuah	No	Closed
X Arkansas Department of Information Systems	Appropriation Transfers	Used to track AASIS transactions which transfer appropriations	Emil White	Emil White	No	Closed
X Arkansas Department of Information Systems	AR19 (Accounts Receivable including miscellaneous deposits for FY19)	Daily deposits for fiscal year	Zofia Higginbotham	Emil White	No	Closed
X Arkansas Department of Information Systems	Authentication data	Servers, Routers and switches send authentication data stored in cartmen. This is a subset of logs.	Chris Nestrud	Nolan Leatherwood	Yes	Closed
X Arkansas Department of Information Systems	AWIN Accounts Receivable	AWIN Accounts Receivable - spreadsheet to track accounts receivable for Arkansas Wireless Information Network (AWIN)	Emil White	Emil White	No	Closed

Key Points:

- The data asset inventory portal URL is <https://ardatacatalog.dis.arkansas.gov/>
- Each agency now has access to only VIEW the inventory of all other agencies
- Each agency retains access to update their inventory via their agency's authorized users.
- Each agency's Agency Data Officer (ADO) has permissions to set up additional users for your agency as needed
- Agencies to improve data quality and continue to manage their own data assets

Next Steps:

Continue with identification of Agency Data Officer (ADO)

- An existing state employee to serve as ADO for an agency
- Point of contact for that agency's data management activities
- Coordinate with the Office of the Chief Data Officer on data requests, data management, inquiries or concerns

Governance Steering Committee

- Comprised of ADOs
- Meet periodically
- Define operational standards
- Review state data assets to identify high value data assets to feed to an open data portal
- To assess business use cases
- Create state data governance plan
- Standardized data management practices

Data Cleanup and Enrichment



Data Cleanup and enrichment:

- Overview
- Background
- Data sets used
- Methodology



Matching Statistics

- 77% of input records (15551 records) matched to National Risk Repository (Titan); Excellent match given SSN/Name only (with additional address data match rate moved to >90%)
- 713 records (4.5% of file) contain blank SSNs – No match; 924 (4.5%) of the file contained invalid SSNs associated with input names.
- 118 records contain records with SSNs identified as Deceased; 117 records w/SSNs never issued by SSA
- 85 records contain SSNs issued to individuals >21 years (newly acculturated, perhaps)
- 1552 records have SSNs connected with 4+ people – suggestive of fraud
- 6 records contain High Risk Indicators (4001 – SSN deceased; 6000 – collecting death benefit claims)

ID Verify – Relatives Append Statistics

- 11,712 records (58%) appended with Relative(s) information; Name/Address/Telephone
- 48,444 record appended with Relationship Codes for the Relatives (e.g. – Son, Father, Parent); Multiple relatives & relationships appended
- 15,391 (76.2%) of input file appended with 1+ Addresses for input/target record
- 4045 (20%) of input file appended with 1+ Telephone for input/target record
- 20,189 Unique Individual IDs processed in the POC

POC – Fraud Waste & Abuse Use Case

Use Case 3: *****

Customer ID: **08

Trans. ID: 118

Non-Match to Titan

SSN Identified as Deceased

SSA Match - Deceased

SSN belongs to: *****

DOD: 08/1981; State of MO

Last Zip: 64052;

Last Payment Zip code: 64015

SSN Analysis:

Failed

F = Failed due to Date of

Issuance

High Risk Fraud Alert

Code: 4401 – Individual reported as Deceased

Code: 6001 – Input SSN used in death benefit payments.

Relatives Append

None because SSA Match only; Deceased

Addresses/Telephone:

None appended as non-match to Titan DB

Use Case 4: *****

Customer ID: **788

Trans. ID: 792

Match to Titan

SSN Identified as Deceased

SSA Match

1 Valid SSN; 9 Individuals matched
to input/target SSN

SSN Analysis

Passed

Fraud Victim Indicator

9 Individuals linked to input SSN

Relatives Append - 6

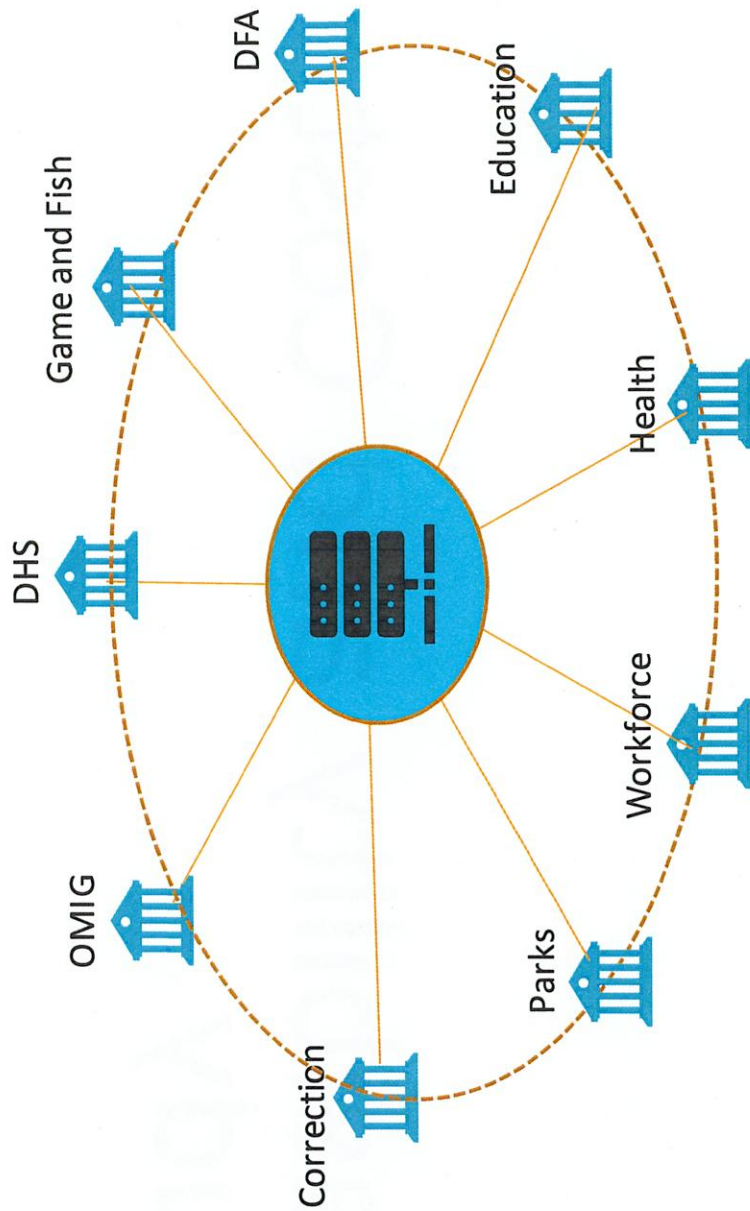
*** ***** – Brother
*** ***** – Father
*** ***** – Brother
*** ***** – Parent
*** ***** – Unknown
*** ***** – Unknown

Addresses & Telephones Available

Addresses/Telephone:

7609 *****
Little Rock, AR 72209
(501) 73*-1**7
18 Addresses Listed

Proposed future state: Arkansas State Data Hub



Feasibility and Cost Study

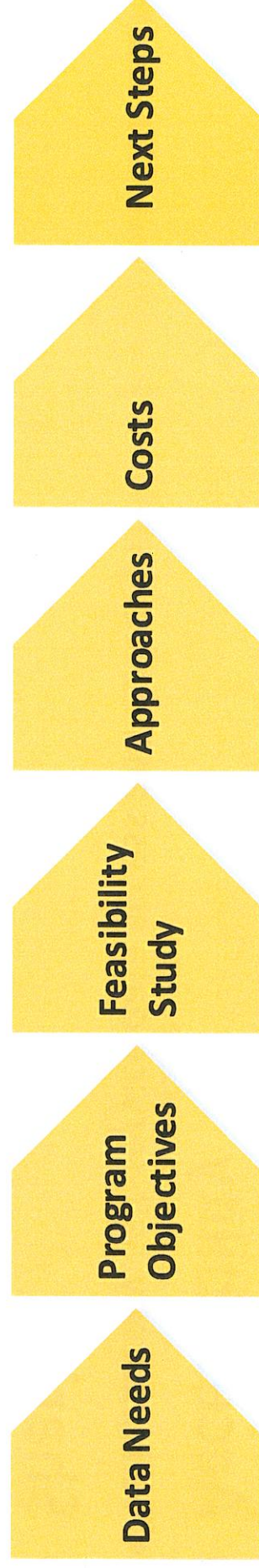


Identified Needs

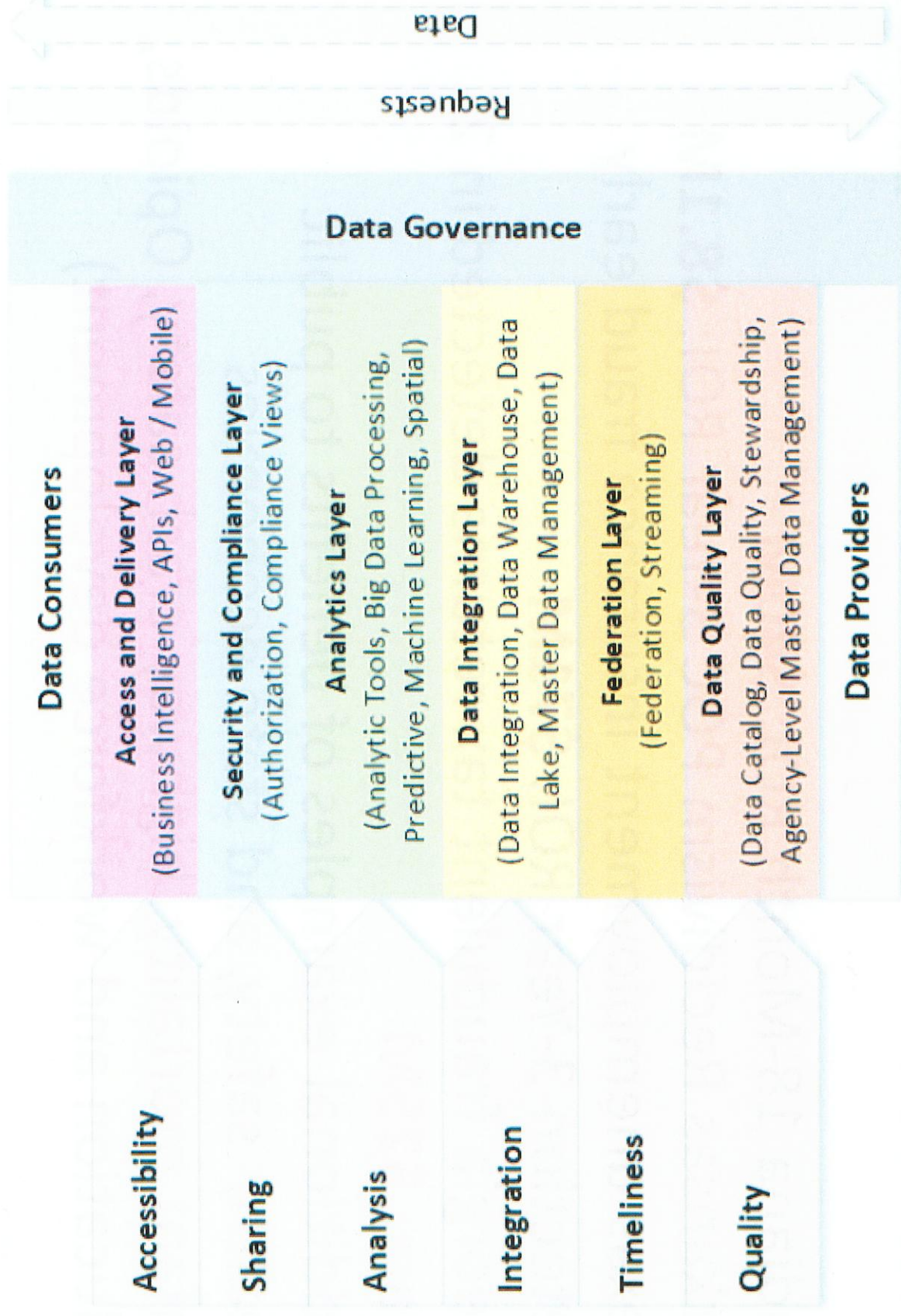
- **Accessibility**
 - Transparency, self-service data access and delivery
- **Sharing**
 - Share data while enforcing privacy, security, and compliance
- **Analysis**
 - Support data-driven decision making and analytic maturity
- **Integration**
 - Enable cross-agency analysis and reduce duplication of data and efforts
- **Timeliness**
 - Enable real-time assessment, support, alignment, and automation of decisions, programs, and resources
- **Quality**
 - Manage data as a state asset

Study Methodology

- Research current data management and analytic **best practices**
- Study of approaches and results of **other public sector entities**
- Successful **approaches recommended** to address identified needs
- **Feasibility assessment**
- **Cost and benefit estimation** of implementing the identified approaches
- **Recommendation of next steps** towards program implementation



Recommended Approach



Benefits

- Indiana 18-Month ROI: **\$40M**
- Arkansas Recidivism POC 3-Year ROI: **\$8.1M**
- Texas unemployment insurance fraud early detection 3-Year ROI: **\$71M**
- Georgia fraudulent tax returns detected in 2 years: **\$25M**
- Additional examples of benefits to public health, safety, and state economies (infant mortality, highway crash safety, Opioids, education and workforce development)