

DRAFT - Strategic Goal #3. Data: OneIT recognizes that data is a critical university asset, and will align data initiatives with strategic and operational priorities to empower academic excellence, research discovery, and administrative efficiency and effectiveness.

Strategy	Focus Areas	1H - FY19 (Jul - Dec 2018)	2H - FY19 (Jan-Jun 2019)	1H - FY20 (Jul - Dec 2019)	2H - FY20 Jan - Jun 2020)	overlap or interdependency with other council domain	Priority: Level 1: high priority; high commitment Level 2: subject to longer timeframe if constraints increase/shift
A. Implement an effective and sustainable institutional data governance process to ensure the stewardship, quality, accessibility, and security of data.	Ratify Institutional Data Governance Charter, establish team structure, and begin implementing formal data governance in a non-invasive way.	Finalize Institutional Data Governance Charter and membership. (K Corey, M Noel, B Ulin)	Convene Institutional Data Governance Committee (IDGC) (K Corey, M Noel, B Ulin)				Level 1
	Train data owners and stewards in their roles and responsibilities		Review Institutional Data policy with data stewards and train/assist them on institutional data inventory process and dictionary tool. (K Corey, B Ulin, Data Stewards)				Level 2
	Inventory and classify existing institutional data		Develop institutional data inventory process and acquire/develop tool. (K Corey, M Noel, W Staal, B Ulin)	Inventory and classify existing institutional data. (Data Stewards)			Level 2
	Capture, manage, and publish an institutional data dictionary for critical institutional data including important business processes, and cross-domain dependencies		Develop institutional data dictionary process and acquire/develop tool. (M Noel, B Ulin)	Prioritize critical institutional data then capture and publish in institutional data dictionary. (Data Stewards, Collegiate and Administrative IT leaders)			
	Develop data usage and exchange requirements, rules, agreements, and descriptions	Develop Institutional Data Usage Standard and Guidelines. (K Corey, W Staal, B Ulin)	Develop appropriate use of data compliance training module (K Corey, W Staal, B Ulin)				Level 2
B. Assess campus academic, research, and administrative data priorities, and provide infrastructure and services to achieve them.	Revise and repeat BI Needs Assessment to determine institutional data priorities that align with institutional and unit strategic priorities			Review, revise, and repeat campus BI needs assessment. (B Ulin, K Yows)			Level 1
	Engage OneIT Governance Councils in institutional data planning and determining priorities and concerns from their perspectives		Meet with OneIT Governance Council chairs and facilitators to develop institutional data planning process (M Noel, B Ulin)	Meet with OneIT Governance Councils to determine institutional data priorities (M Noel, B Ulin)			Level 1
	Present quarterly BI Showcases to Campus Leadership to demonstrate current solutions and solicit ideas for future solutions and enhancements		Develop and present BI showcase for Collegiate Leadership. (B Ulin)	Develop and present BI showcase for Administrative Leadership. (B Ulin)			Level 2
in the data	Create strategic data marts that integrate data	Develop Parking information data mart to aggregate data across various systems (D Wang)					

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C. Integrate information silos by collecting and curating data with warehouse to improve the university's efficiency, effectiveness, competitiveness.	across domains to simplify and standardize institutional data access.		Create Learning Management System (Unizin) data marts using Unizin Data Platform. (A Beck, B Evanson)			Partner with OTLT	Level 2
	Prioritize and publish remaining institutional data to University Data Warehouse.	Develop Facilities Management data mart (S Sawyer, B Ulin)					
		Publish Electronic procurement (ePro/PREQS) data (J Heath, J Watkins, B Ulin)					Level 2
		Publish post-award grant accounting (ePost) data (A Haddy, J Heath, B Ulin)					Level 2
		Publish procurement and travel (ProTrav) data (D Wang, J Watkins, B Ulin)					Level 2
		Publish pre-award data (J Jimenez, J Lassner, B Ulin)					Level 2
		Aggregate and publish Division of Student Life data (B Mills, T Schnelle, B Ulin)					Level 2
	Publish Co-curricular engagement (Hawkeye Engage) data (B Evanson, S Hanson, A McKie, B Ulin)					Level 2	
	Publish MAUI Academic Planner data (B Evanson, J Fell, B Ulin)	Publish MAUI/u.Achieve Degree Audit data (B Evanson, J Fell, B Ulin)				Level 2	
	Identify important data sources and develop views to aggregate common data across domains to simplify data access and BI solutions	Develop Research Profile Data Mart (A Haddy, J Heath, J Jimenez, J Lassner, B Ulin)					Level 2
Ensure that the most important institutional data elements are defined and curated appropriately							
s solutions to empower data-driven decision making.	Develop an inventory of campus-wide reporting, BI and analytics solutions.		Develop reporting, BI and analytics solution inventory process and acquire/develop tool. (M Noel, B Ulin)	Inventory existing reporting, BI and analytics solutions. (Data Stewards, Collegiate and Administrative IT leaders)			
	Complete existing Student Success, Enrollment Management, Human Resources, and Career Services BI and Analytics projects.		Enhance organized research Space Utilization solution to include GIS and shared effort data. (B Ulin, T Welter)				
		Enhance and extend Enrollment Management Analytic and Student Success solutions to include strategic recruiting, collegiate recruiting, financial aid leveraging, years to graduation predictive index, Excelling@Iowa referral/contact integration, and attribute refinement. (G Brown, B Gage, M Hovland, D Martinez, B Ulin)					Level 2
		Extend Career Services solutions to include Handshake career services data aggregation, employer engagement analytics, external benchmarking, and 5 year outcome analytics. (A McKie, B Ulin)					
		Complete Human Resources base analytics, BI solutions, and enhanced data model including mobility, well being, temporary workforce, and workforce planning modules. (M Kaplan, D Moore, J Troester, B Ulin)					Level 2
	Identify, prioritize and implement new BI and Analytics projects	Develop Electronic procurement (ePro/PREQS) BI Solutions (J Heath, J Watkins, B Ulin)					Level 2
		Develop procurement and travel (ProTrav) BI Solutions (D Wang, J Watkins, B Ulin)					Level 2
		Develop Research Profile BI Solutions (W Beaver, J Jimenez, J Lassner, B Ulin)					Level 2
Develop post-award grant accounting (ePost) data BI solutions (A Haddy, J Heath, B Ulin)							

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D. Support robust reporting, business intelligence (BI), and analytic	Analytics projects		Develop Research component of the Provost's Office Interactive Data Digest (B Ulin, K Yows)				
			Develop Controller's Office Revenue and Expense BI solutions (S Martin, B Ulin)				Level 2
			Develop Faculty Instruction and Service component of the Provost's Office Interactive Data Digest (B Ulin, K Yows)				
	Explore alternative data warehousing technologies, platforms and hosting options (e.g. Cloud, MS SQL Server)	Integrate MAUI SIS data with Canvas data on Google Cloud Platform as part of the Unizin Data Platform(UDP) (A Beck, B Evanson)	Explore cloud-based BI and data warehousing options and develop proof of concept projects (E Hill, E Hudson, B Ulin)			Academic Technoloies Governance Council Dependencies	Level 1
	Implement an Enterprise-wide BI Tool	License and procure Microsoft Power BI Premium. (B Ulin)	Implement Microsoft Power BI Premium campus-wide and partner with Microsoft to provide training. (B Ulin)				Level 1
	Develop methods to share self-service templates and frameworks to facilitate rapid ad-hoc analysis by university business analysts		Create and manage Ulowa specific content pack templates in the Ulowa MS Power BI Premium tenant. (B Ulin)	Create Power BI templates, utilizing R packages for robust analytics (B Ulin)			
	Develop a service that embeds data and BI resources in campus units to develop data driven solutions	Develop BI staff hiring best practices, onboarding service, and staff rotation process. (B Ulin)					Level 1
	Build data analytics and science capabilities and continue to grow campus data analytics partnerships		Explore partnerships with Iowa Informatics Initiative and TCOB Business Analytics and Information Systems. (M Altmair, B Rogers, B Ulin)			Research Services and Computing Governance Council	
racy and awareness by promoting a informed data culture.	Develop comprehensive institutional data education program (UI Data University)	Form data literacy advisory team and identify data literacy program opportunities and priorities. (M Anson B Ulin)	Develop and deliver data literacy training modules. (M Anson, B Ulin, Data Stewards)				Level 1
	Create a data evangelist program to promote data driven decisions and BI solutions			Host UI Institutional Data Day (B Ulin)			Level 2
	Create a data concierge program to assist campus in accessing, understanding and using institutional data appropriately			Host UI Institutional Data Day (B Ulin)			Level 2
	Enlist data owners and stewards in providing knowledge transfer, consulting and training.		Partner with MAUI Data Stewards on developing data and utilization training as a pilot framework for other data domains. (B Ulin, MAUI Data Stewards)	Host UI Institutional Data Day (B Ulin)			

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E. Increase campus data literacy	Develop a service that embeds data and BI resources in campus units to increase data awareness and literacy	Develop BI staff hiring best practices, onboarding service, and staff rotation process. (B Ulin)					Level 1
	Assist institutional data owners in creating "Gold Standard" Reports/Dashboards to address common data requests and provide associated SQL and reporting						
	Create a quarterly "Data Insights" program to showcase data and BI solutions						
F. Champion the Campus Data Portal as the authoritative source for disseminating institutional data.	Establish the Campus Data Portal as a true service with a service owner, advisory board, metrics, and monitoring	Identify Campus Data Portal owner service owner and advisory board. (D Moore, B Ulin)	Develop Campus Data Portal advisory board charter and convene advisory board. (D Moore, B Ulin)				Level 1
	Develop a Campus Data Portal marketing campaign	Publish BISSC Quarterly newsletter. (B Ulin)	Provide Campus Data publishing and support resources, including personalized onboarding support to increase adoption. (D Moore)	Integrate Campus Data Portal searching into existing UI Sites and solutions (D Crall, D Moore, OneIT Leaders)			
	Extend Campus Data Portal to include all institutional data access authorization forms, institutional data catalog, institutional data dictionaries, data domain web pages, and data set capabilities.	Develop data source authorization form functionality and migrate DW Subject Areas to Campus Data provisioning process. (D Crall, D Moore)	Link existing institutional data dictionaries (D Moore)				Level 2
		Create and publish authoritative institutional data catalog in Campus Data Portal. (D Moore, B Ulin)	Enhance data catalog to support robust cross linking of catalog items and ensure single point of reference. (D Crall, D Moore)				Level 2
		Implement Campus Data Portal data source capabilities. (D Crall, D Moore)					
	Publish all critical campus-wide reports (EFR, Proview, Enrollment Management, APR, and MAUI) to Campus Data Portal	Complete MAUI report refactoring and migration to Campus Data Portal. (B Evanson)	Identify and prioritize Campus Data Portal reporting opportunities. (D Moore, B Ulin)				Level 2