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	<b>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. (October 2019)</b>					
1						
2	<b>Strategy</b>	<b>Activity Description</b>	<b>1H - FY20 (Jul - Dec 2019)</b>	<b>2H - FY20 Jan - Jun 2020)</b>	<b>1H - FY21 (Jul - Dec 2020)</b>	<b>2H - FY21 Jan - Jun 2021)</b>
3	<b>A. Implement an effective and sustainable institutional data governance process to ensure the stewardship, quality, accessibility, and security of data.</b>	Ratify Institutional Data Governance Charter, establish team structure, and begin implementing formal data governance in a non-invasive way.	Convene Institutional Data Governance Committee (IDGC) <b>(K Corey, M Noel, B Ulin)</b>			
5		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. <b>(K Corey, B Ulin, Data Stewards)</b>			
7		Inventory and classify existing institutional data	Develop institutional data inventory process and acquire/develop tool. <b>(K Corey, M Noel, W Staal, B Ulin)</b>	Inventory and classify existing institutional data. <b>(Data Stewards)</b>		
9		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. <b>(M Noel, B Ulin)</b>	Prioritize critical institutional data then capture and publish in institutional data dictionary. <b>(Data Stewards, Collegiate and Administrative IT leaders)</b>		
11		Develop data usage and exchange requirements, rules, agreements, and descriptions	Develop Institutional Data Usage Standard and Guidelines. <b>(K Corey, W Staal, B Ulin)</b>	Develop appropriate use of data compliance training module <b>(K Corey, W Staal, DAI)</b>		
12						
13	<b>Assess campus academic, and administrative data priorities, and provide structure and services to achieve them.</b>	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>(DAI, K Yows)</b>		
15		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 <b>(M Noel, B Ulin)</b>	Meet with OneIT Governance Councils to determine institutional data priorities <b>(M Noel, DAI)</b>		

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17	B. As research pri infrast	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 Administrative Leadership. <b>(B Ulin)</b>			
18						
19	ate information silos by collecting and curating data within the data warehouse to improve the university's efficiency, effectiveness, and competitiveness.	Create strategic data marts that integrate data across domains to simplify and standardize institutional data access.	Create Learning Management System (Unizin) data marts using Unizin Data Platform. <b>(A Beck, B Evanson)</b>			
20			Develop Facilities Management data mart <b>(S Sawyer, B Ulin)</b>			
22		Prioritize and publish remaining institutional data to University Data Warehouse.	Publish Electronic procurement (ePro/PREQS) data <b>(J Heath, J Watkins, B Ulin)</b>			
23				Publish post-award grant accounting (ePost) data <b>(A Haddy, J Heath, B Ulin)</b>		
24				Publish procurement and travel (ProTrav) data <b>(D Wang, J Watkins, B Ulin)</b>		
25				Publish pre-award data <b>(J Jimenez, J Lassner, B Ulin)</b>		
26				Develop a Division of Student Life data strategy and plan that includes aggregating/publishing critical data and developing analytics solutions. <b>(B Mills, T Schnelle, B Ulin)</b>		
27				Publish Co-curricular engagement (Hawkeye Engage) data <b>(B Evanson, S Hanson, A McKie, B Ulin)</b>		
28				<b>Degree Audit Data Mart:</b> Publish Degree Audit data to institutional data warehouse and develop BI & Analytic solutions on progression data. <b>(B Evanson, B Ulin)</b>		
29				<b>ProView Data Mart:</b> Publish ProView rearchitected datamart to instructional data warehouse and develop reporting BI & Analytical solutions on provost data. <b>(B Ulin, K Yows)</b>		

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31	C. Integ	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)			
32						
33	and analytics 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)		
34			Develop BI solution portals and functional domain portals in Campus Data. (B Ulin, D Moore)	Develop enhance data consumer user interface and reporting in Campus Data. (DAI, D Moore)		
36		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)			
37			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)			
38			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)			
39			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)			
41			Develop Electronic procurement (ePro/PREQS) BI Solutions (J Heath, J Watkins, B Ulin)			
42			Develop procurement and travel (ProTrav) BI Solutions (D Wang, J Watkins, B Ulin)			

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43	D. Support robust reporting, business intelligence (BI), and data analytics	Identify, prioritize and implement new BI and Analytics projects	eDSP - Reporting: Develop a DW subject area, standard reports, and dashboards. (W Beaver, J Jimenez, J Lassner, N Cook, B Ulin)			
44			Develop post-award grant accounting (ePost) BI solutions (A Haddy, J Heath, B Ulin)			
45			Develop Diversity, Equity and Inclusion Analytic and Reporting Solutions (B Ulin, DEI team)			
46			Develop Analytic Solutions to support Retention and Years to Graduation initiative (B Ulin, Tanya Uden-Holman)			
47			Develop Research component of the Provost's Office Interactive Data Digest (B Ulin, K Yows)			
48			Develop Controller's Office Revenue and Expense BI solutions (S Martin, B Ulin)			
49			Develop Faculty Instruction and Service component of the Provost's Office Interactive Data Digest (B Ulin, K Yows)			
51		Explore alternative data warehousing technologies, platforms and hosting options (e.g. Cloud, MS SQL Server)		Explore cloud-based BI and data warehousing options and develop proof of concept projects (E Hill, E Hudson, DAI)		
53		Implement an Enterprise-wide BI Tool	Offer PowerBI Showcase and Advanced Analytics training (B Ulin, B Smith)			
55		Develop methods to share self-service templates and frameworks to facilitate rapid ad-hoc analysis by university business analysts	Create Power BI templates and samples, utilizing R packages for robust analytics (B Ulin, B Smith)			
57	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)				
58						
59	Promoting a informed	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, DAI, Data Stewards)		
61		Create a data evangelist program to promote data driven decisions and BI solutions	Promote Data Informed Decision Making (B Ulin)	Host UI Institutional Data Day (B Ulin)		

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63	<b>E. Increase campus data literacy and awareness by p data culture.</b>	Create a data concierge program to assist campus in accessing, understanding and using institutional data appropriately		Host UI Institutional Data Day (B Ulin)		
65		Enlist data owners and stewards in providing knowledge transfer, consulting and training.	Partner with HR on data resource and BI utilization showcase and how to guides. (M Kaplan, B Ulin)	Host UI Institutional Data Day (B Ulin)		
67		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)			
69		Assist institutional data owners in creating "Gold Standard" Reports/Dashboards to address common data requests and provide associated SQL and reporting				
71		Create a quarterly "Data Insights" program to showcase data and BI solutions				
72						
73	<b>F. Champion the Campus Data Portal as the authoritative source for disseminating institutional data.</b>	Establish the Campus Data Portal as a true service with a service owner, advisory board, metrics, and monitoring	Develop Campus Data Portal advisory board charter and convene advisory board. (D Moore, B Ulin)			
75		Develop a Campus Data Portal marketing campaign	Create Campus Data Showcases and Market Campus Data to strategic groups (D Moore)	Integrate Campus Data Portal searching into existing UI Sites and solutions (D Crall, D Moore, OneIT Leaders)		
77		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 Campus Data interface that is specific to data consumer and another specific to data provider. (D Crall, D Moore)			
78			Develop feature rich data dictionary tool. (D Crall, D Moore)	Enhance data dictionary tool and user interfaces. (D Crall, D Moore)		