Data Management,								ı	ı	I.	I	1	
Analytics &													
Reporting													
Technologies	3/1/2023 (excel draft)												
				Course		General			Divesto	Divest:		Vendor End of	
Vendor	Product	Version	Release	Current Classification	N, N-1	Availability	Droinstad	Approved	Divest: Plan		Prohibited		Reference
vendor	Product	version	Release	Classification	IV, IV-1	Availability	Projected	Approved	Fiaii	EXECUTION	Prombited	Support	Reference
Data Management Pl	atform as a Service (PaaS)												
Microsoft Dataverse	Power Platform			Approved									
		Current											
		Current											
					N								
Data Management													
tools													
Microsoft SQL	SQL Server			Approved									
Server	542 56.176.												https://support.microsoft.com/en- us/lifecycle/search?alpha=sql%20server
Server		2022			N	11/16/2022		5/16/2023	5/16/2025	5/16/2026	5/16/2027	11/1/2028	Mainstream end date: 1/11/2028;
													extended end date: 1/11/2033
		2019		Divest:	N-1	11/4/2010		11/4/2020	2/28/2025	1/8/2027	1/8/2028	1/8/2030	https://learn.microsoft.com/en-
				Plan	IN-T	11/4/2019		11/4/2020	2/26/2025	1/6/2027	1/0/2020	1/8/2030	us/lifecycle/products/sql-server-2019
		2017		Skipped									
		2016				6/1/2016		6/1/2017	7/14/2021	7/14/2023	7/14/2024	7/14/2026	https://support.microsoft.com/en-
		2016		Divest:		0/1/2016		0/1/201/	//14/2021	//14/2023	//14/2024	//14/2026	us/help/17140/lifecycle-faq-general-
		2014		Execution Prohibited		4/1/2014			10/2/2019	11/4/2020	7/9/2022	7/9/2024	policy-questions
				Trombiteu		7/ 1/ 2014			10/2/2013	11/7/2020			
		2012		End of Support							7/12/2020	7/12/2022	
Naioneach A CO'	Azura SOL DR	1		Approved	N							TBD	
Microsoft Azure SQL	Marie SQL DB	current		Approved	N	10/21/2016		10/21/2017				עפו	
DB	<u>l</u>	1					<u> </u>				l		

IBM - DB2	DB2 for z/OS			Emerging									https://www.ibm.com/support/lifecycle/
		13.1.0				5/31/2022		5/31/2023					index.html#/ https://www.ibm.com/support/pages/st andard-and-enhanced-ibm-software- support-lifecycle-policies
		12.1.0		Approved	N	10/21/2016							support-inecycle-policies
	DB2 for Linux, Unix, and Windows	11.1		Prohibited		6/15/2016		6/15/2017	10/30/2020	4/30/2021	4/30/2022	4/30/2025	_
		10.5		End of Support								4/30/2020	https://www.ibm.com/support/pages/d b2-distributed-end-support-eos-dates
		10.1		End of Support								9/30/2017	
Oracle	Oracle Database	21c		Skipped		12/1/2020						4/30/2024 (no ES)	https://support.oracle.com/knowledge/ Oracle%20Database%20Products/74206 0 1.html
		20c		Skipped									<u></u>
		19c Long- Term Release	1	Approved	N	4/1/2019		10/1/2019	10/31/2023	4/30/2024	10/31/2024	4/30/2025 (no ES/ULA); 4/30/2027 w/ES/ULA	For 19c Long-Term Release, Error Correction / Patching is available through April 30, 2027 with paid ES.
		18c Innovation Release	3	End of Support		7/1/2018		1/1/2019			12/30/2020	6/30/2021 (no ES)	
		12	2	End of Support		3/1/2017					9/30/2021	3/31/2022 (Limited Error correction from 12/1/2022- 3/31/2022)	Premier Support (PS) ends April 30, 2024, one year of free Extended Support (ES) will be in effect from May 1, 2024 until April 30, 2025. Fees will be required beginning May 01, 2025 through April 30, 2027 https://support.oracle.com/knowledge/
			1	End of Support		7/1/2013						7/31/2019	Oracle%20Database%20Products/74206 0 1.html; For 11.2.04, ES fees or a
		11	2 Terminal Release	End of Support								7/1/2018; Oracle has a global Extended Support Uplift Fee waiver in place for Oracle Database 12.1 and 11.2 for Oracle E- Business Suite	ULA was required beginning Jan 1, 2019 through Dec 31, 2020. At the end of ES, Market Driven Support (MDS) will be available for two additional years. See https://www.oracle.com/a/ocom/docs/ds-mds-database-11g-r2.pdf
		9.x		Projected			10/28/2024						https://dev.mysql.com/doc/relnotes/m

	mySQL Database	8.0.31		Emerging		10/11/2022		1/11/2023	10/11/2027	10/11/2028	10/11/2029	10/11/2030	sql/8.0/en/news-8-0-31.html
		8.0.30		Approved	N	7/26/2022		10/26/2022	7/26/2027	7/26/2028	7/26/2029	7/26/2030	
		8.0.29		Approved	N - 1	4/26/2022		7/26/2022	4/26/2027	4/26/2028	4/26/2029	4/26/2030	
		5.7.40		Prohibited		10/21/2015		4/21/2016	10/21/2021	4/21/2022	10/21/2022	10/21/2023	https://dev.mysql.com/doc/relnotes/my sql/5.7/en/
		5.6		End of Support		2/5/2013					2/5/2020	2/5/2021	https://dev.mysql.com/doc/relnotes/my sql/5.6/en/
Data ingestion & pipelines	Apache Airflow	2	2.6.3	Approved	N	12/17/2020		11/14/2022				TBD	https://airflow.apache.org/docs/apache- airflow/stable/installation/supported- versions.html
Mongo DB	Mongo DB	6.0		Approved	N	7/19/2022						7/31/2025	https://www.mongodb.com/support- policy/lifecycles
			6.2	End of Support Projected		2/1/2023	. / . /					4/1/2023	
		5.0		Divest: Execution		7/1/2021	4/1/2023		10/31/2022	7/31/2023	7/31/2024	TBD 10/31/2024	
Data Analytics and R	Reporting Tools												
		11.0		Skipped		7/22/2022							https://enterprise.arcgis.com/en/server/ latest/get-started/windows/what-s-new- in-arcgis-for-server.htm

			Approved								
		10.9.1		N	11/18/2021	1/18/2022	12/1/2023	12/1/2024	12/1/2025	12/1/2027	
		10.8.1	Approved	N-1	7/28/2020	1/31/2021	7/1/2023	7/1/2024	7/1/2025	7/1/2026	https://support.esri.com/en/Products/E nterprise/arcgis-server/ArcGIS-Server/10- 8-1#product-support http://support.esri.com/other- resources/product-life-cycle
Esri	ArcGIS Server	10.8	Skipped		2/20/2020						
		10.7.1	Divest: Execution		6/27/2019	12/27/2019	11/18	8/2021	1/18/2022	6/1/2025	https://www.esri.com/arcgis- blog/products/arcgis- enterprise/announcements/update-to- arcgis-enterprise-product-lifecycle/
		10.7	Skipped		3/21/2018						
		10.6.X	Prohibited		1/17/2018		9/1/2020	1/1/2022	2/1/2023	1/1/2024	
		10.5x and earlier	Vendor End of Support		12/15/2016				10/27/2019	12/1/2022	
	B. day old at 5. d	DI 4.5	Due's start								DI 44 CA Chail City
SAP	BusinessObjects Business Intelligence	BI v4.4	Projected Approved	N	6/12/2020	9/30/2020	12/31/2023	12/31/2024	12/31/2025	12/31/2027	BI v4.4 GA Check - Click Here https://blogs.sap.com/2020/06/16/sap-businessobjects-bi-4.3-now-available/ https://help.sap.com/doc/47c6f9556e04 1014910aba7db0e91070/4.3/en- US/sbo43_whats_new_en.pdf https://go.support.sap.com/roadmapvie wer/ https://blogs.sap.com/2020/06/13/sap-businessobjects-bi-4.3-sap-bi-4.3-released/

	BI v4.2		Divest: Execution	N-1	3/8/2016		9/1/2020	12/31/2022	12/31/2023	12/31/2025	https://apps.support.sap.com https://wiki.scn.sap.com/wiki/display/B OBJ/SAP+Analytics SAP-BI-v4-2-Update_January-2017 (2).pdf https://360suite.io/blog/sap-bi-end-of-life-stages/ http://evtechnologies.com/mainstream-support-ending-2018/
	BI v4.1 and earlier		Vendor End of Support		8/30/2013				1/1/2019	1/1/2021	SAP-BI-End-of-Life-Stages_360suite-io- blog_2019.pdf
SAS (Statistical Analysis System)		m8	Projected		1/1/2023	7/1/2023	1/1/2025	1/1/2026	1/1/2027	1/1/2028	https://en.wikipedia.org/wiki/SAS_(soft ware)
		m7	Approved	N	8/31/2020	2/1/2021	6/1/2023	6/1/2024	12/31/2024	8/31/2025	https://support.sas.com/software/maint enance/index.html https://documentation.sas.com/?cdcld=pgmsascdc&cdcVersion=9.4_3.5&docsetI d=whatsdiff&docsetTarget=titlepage.ht m&locale=en https://documentation.sas.com/api/coll ections/pgmsascdc/9.4_3.5/docsets/whatsdiff/content/whatsdiff.pdf?locale=en#nameddest=titlepage

		9.4	m6	Divest: Execution		11/20/2018		5/20/2019	11/20/2021	5/20/2022	12/31/2022	2/28/2025	https://support.sas.com/en/documentat ion/system-requirements.html https://blogs.sas.com/content/iml/2013/ 08/02/how-old-is-your-version-of-sas- release-dates-for-sas-software.html https://support.sas.com/en/technical- support/services-policies.html
			m5	Prohibited		9/19/2017				3/19/2021	9/19/2021	2/28/2025	https://documentation.sas.com/api/doc sets/whatsnew/9.4_3.5/content/whatsn ew.pdf?locale=en#nameddest=titlepage
			m4	End of Support							11/16/2020	11/16/2021	
IBM	SPSS Statistics Server (Originally Statistical Package for	29.0x		Approved	N		9/13/2022	3/1/2023	9/13	/2024	3/1/2025	9/13/2027	https://www.ibm.com/support/pages/so ftware-lifecycle-product-list
	the Social Sciences by SPSS, Inc.)	28.0x		Approved	N-1	5/25/2021		11/25/2021	6/25	/2023	12/25/2023	5/25/2026	https://www.ibm.com/support/pages/sit es/default/files/software- lifecycle/ibm_software_lifecycle_product list.csv
		27.0x		Divest: Execution		6/16/2020		12/16/2020	7/1/	'2022	1/1/2023	6/30/2025	https://www.ibm.com/support/pages/st andard-and-enhanced-ibm-software- support-lifecycle-policies

	1	1				1	1						
		26.0x		Prohibited		4/9/2019		10/9/2019	5/25,	/2021	11/25/2021	8/31/2024	https://www.ibm.com/support/pages/ib m-software-support-continuous-delivery- lifecycle-policy http://www- 01.ibm.com/software/support/lifecycle/
		25.0x		End of Support		8/8/2017					8/1/2020	8/1/2022	https://www- 01.ibm.com/software/support/lifecyclea pp/PLCSearch.wss?q=spss&ibm- search=Search https://www- 01.ibm.com/software/support/lifecyclea pp/PLCDetail.wss?synkey=T171443D80 311R12&from=snf
		24.0x or earlier		End of Support		3/15/2016					3/1/2020	3/1/2021	https://en.wikipedia.org/wiki/SPSS
Splunk	Enterprise	SaaS	Current	Approved	N								https://www.splunk.com/en_us/legal/sp lunk-software-support-policy.html
					IN .								
Tableau	Desktop	Current	2023.2	Approved	N	6/15/2023							https://www.tableau.com/support/releas
	Server	Current	2023.1.3	Approved	N	6/29/2023							https://www.tableau.com/support/releas
Microstrategy	Microstrategy	2021x		Approved	N	12/18/2020		6/16/2021	6/30/2023	12/31/2023	6/30/2024	12/31/2024	https://www.microstrategy.com/en/sup port/support- lifecycle#:~:text=Platform%20Releases% 20will%20be%20delivered,as%20MicroSt rategy%20continues%20to%20innovate. w.microstrategy.com/en/support/support-lifecycle
		2020x		End of Support		12/12/2019		6/12/2020	6/12/2021	12/31/2021	6/30/2022	12/31/2022	Tr meeyere
Oracle reporting (OBIEE)	(replaced with Oracle Analytics Cloud and Oracle Analytics Server)												
	OAC												
	OAC OAS												
Crystal Reports													
Crystal Reports Google	OAS	SaaS	Current	Approved									https://support.google.com/analytics/an swer/9164320?hl=en#091721&zippy=%2 Creleases

R Core Team (open				Approved					https://www.aasiastass/
source)	R		4.2.2		N	10/31/2022	1/31/2023		https://www.r-project.org/; https://en.wikipedia.org/wiki/R_(progra
			4.1.3	Approved	N - 1	3/10/2022	6/10/2022		mming_language)
			All previous versions	Prohibited					
lufa washina			Current	Approved					https://www.informatica.com/content/d am/informatica- com/en/docs/informatica-cloud-
Informatica	Intelligent Cloud	34.2			N				description-schedule.pdf
	Description (add definitions,								
Key	specifically timelines)								
	Emerging								
	Projected								
	Approved								
	Divest: Plan Divest: Execute								
	Prohibited Prohibited	_							
	Skipped								
	End of Support								

Notes		

Dataverse lets you securely store and manage data that's used by business applications. Data within Dataverse is stored within a set of tables. A table is a set of rows (formerly referred to as records) and columns (formerly referred to as fields/attributes). Each column in the table is designed to store a certain type of data, for example, name, age, salary, and so on. Dataverse includes a base set of standard tables that cover typical scenarios, but you can also create custom tables specific to your organization and populate them with data by using Power Query. App makers can then use Power Apps to build rich applications that use this data.

https://learn.microsoft.com/en-us/powerapps/maker/data-platform/data-platform-intro

EA Direction is to continue upgrading to the newest long-term release.

Up to and including SQL Server 2016, RTM and any subsequent SPs establish a new product baseline. For each new baseline, CUs are provided for roughly 12 months after the next SP releases, or at the end of the mainstream phase of product lifecycle, whichever comes first. For the entire product lifecycle, Microsoft releases General Distribution Releases (GDRs) when needed, containing only security related fixes.

Release pattern: 2 years

Versioning does not apply, as this is Database as a Service (DBaaS)

DB2 for z/OS versions 11.1 (3/31/2021) and 10.1 (9/30/2017) have been withdrawn for support.

11.1: End of Support 4/30/22; extended support thru 4/30/22. 11.5 EOS date not provided, minimum 3 years after EOS

Innovation Release - NOT RECOMMENDED Error Correction / Patching is available until June 30, 2023; 21c is not eligible for Extended Support (ES).

There are two types of Oracle Database releases: Long Term Release and Innovation Release. Long Term Release: Oracle Database Long Term Releases are ideal for use cases that benefit from less frequent upgrades to newer releases. Long Term Releases offer the highest level of stability and the longest length of error correction support. These releases have 5 years of Premier Support followed by 3 years of Extended Support. When combined with Extended Support, customers typically have almost 4 years to upgrade from one Long Term Release to the next Long Term Release. Innovation Release: In between Oracle Database Long Term Releases, Oracle delivers Oracle Database Innovation Releases that include many enhancements and new capabilities which will also be included in the next Long Term Release. Innovation Releases are designed to enable customers to continuously use leading-edge technologies to rapidly develop or deploy new applications or augment existing applications. Support for Innovation Releases includes at least 2 years of Premier Support, but there is no Extended Support. Production workloads can be deployed on Innovation Releases if upgrading to the next database release within one year after the next database release ships is factored into the deployment plan.

Release pattern: 3 months No release date for is available for mySQL 9.0 Oracle lifetime support does not provide security patching and has 3 options: MySQL Premier Suppor -5 years, starting at GA, of Premier Support that includes MySQL maintenance releases, updates, fixes (error correction), and security alerts. MySQL Extended Support - 3 years of extra support including error correction, beyond the Premier Support period, for specific MySQL releases. Includes MySQL maintenance releases, updates, bu fixes (error correction), and security alerts. MySQL Sustaining Support - Any time, beyond the Premier Support period. Support only. No new releases, no new fixes (no error correction for new issues), no new updates. Only pre-existing updates, fixes and alerts are available.
Apache Airflow is an open-source workflow management platform for data engineering pipelines. support continues for approximately 3 years after release which was GA in December 2020
current version is 6.2; patches are released monthly

EA Direction is to continue upgrading to the newest long-term release.

https://enterprise.arcgis.com/en/webappbuilder/latest/create-apps/about-versions.htm

ArcGIS Enterprise 10.9.1 on Windows and Linux is a long-term support release.

https://support.esri.com/en/Products/Enterprise/ar cgis-server/ArcGIS-Server/10-7#product-support

ArcGIS Enterprise 10.8.1 is a long-term support release.

NOTE: Beginning with ArcGIS Enterprise 10.7, versions of ArcGIS Enterprise will either be designated as short-term support releases or longterm support releases. Long-term support releases will receive a total of 6 years of support.

https://support.esri.com/en/Products/Enterprise/arcgis-server/ArcGIS-Server/10-8-1#product-support

10.8 is a short term release.

ArcGIS Enterprise 10.7.1 will be a long-term support

A long-term support release mirrors the product lifecycle as it has been defined since ArcGIS 10.2, which includes a total of 6 years of support

ArcGIS Enterprise 10.7 is a short-term support release.

EA Direction is to continue upgrading to the newest release

https://www.businessintelligencesoftware.co/sapbusinessobjects-bi-4-4.html Information on this site indicates that "...SAP Business Objects BI 4.4 is due to be released in Q1 2022 according to inside sources at SAP." Product availability matrix is behind another type of login other than the initial one so unable to obtain via SAP's website. You are signed in with a P-user ID. Visitors with an S-user ID will benefit from more tools and enhanced functionality. If you are an SAP customer, contact a user administrator in your company to request such an ID. Your SAP Local Support Center can help you identify your administrators. If you already own an S-user ID, log out now and log in with your S-user ID. https://launchpad.support.sap.com/assets/shell/public-user.htm

https://apps.support.sap.com/sap/support/pam - requires credentials to access.

When access using credentials then says not authorized to view this resource and that I need another login.

https://support.sap.com/release-upgrademaintenance/release-strategy/release/onpremise/rules.html

Product Availability Matrix: The Product Availability Matrix (PAM) is where you can find details about SAP software product versions, including availability and end of maintenance dates, upgrade paths, and technical release information (database platforms, Java platforms, operating systems, etc.). Mainstream support is 7 years; two years of additional priority-one support. Requires a login credential I don't seem to have as of September-2020 and is unnecessarily difficult to access for a product sold to the public. https://blogs.sap.com/2018/07/30/sap-

https://biogs.sap.com/2018/07/30/sapbusinessobjects-business-intelligence-suite-4.2-sp06sp6-released/

https://www.sap.com/products/roadmaps.html https://en.wikipedia.org/wiki/BusinessObjects https://www.businessintelligencesoftware.co/sapbusiness-objects-versions.html

EA Direction is to continue upgrading to the newest release.

As of January 1, 2020, SAS has moved to the following, two-level support policy that is based on the General Availability date for a product:

Standard Support: This support level is based on a product's General Availability release date, and it has a time limit of five years from that date.

<u>Limited Support</u>: This support level is provided for products that move outside of the five-year Standard Support time frame. Limited Support lasts until the product is retired, and it includes selfhelp resources only for previously identified issues.

https://support.sas.com/en/technicalsupport/services-policies.html#non-current

SAS 9 and SAS Viya are two unique platforms built for different use cases. Because of the advancement in technology and infrastructure since SAS 9 was released, the technology of SAS Viya is very different from SAS 9. SAS Viya is an open, unified, and powerful platform, ready for native Cloud deployment. Cloud Analytic Services (CAS) In-Memory Engine: This engine is the power behind SAS Viya. In SAS Viya, the SAS High-Performance Architecture and SAS LASR Analytic Server from SAS 9 combine to form a third-generation highperformance analytics engine. https://www.sas.com/content/dam/SAS/support/en /sas-global-forum-proceedings/2019/3503-2019.pdf https://www.sas.com/content/dam/SAS/support/en /technical-papers/sas9-4-sas-viya-functional-

SAS new Standard support is 5 years from GA date. There is a 1 year grace period for 9.2 (starting 1/2020). There is a 3 year grace period for 9.3. 9.4 versions have a 5 year grace period.

Note: Only m3 and higher is supported on Windows 10.

https://support.sas.com/en/technicalsupport/services-policies.html#non-current

comparison.pdf

EA Direction is to continue upgrading to the newest release.

IBM has aggressively moved many of the products in their software portfolio to Enhanced '5+3' support – a minimum of five full years of standard support from the date the product release was made generally available by IBM, with the option to get support extensions for at least an additional three years following a product's EOS date for an extra charge set by IBM. Current pattern for SPSS is 5 to 6 years of support. IBM Software Lifecycle: Download a full copy of the IBM Software Lifecycle product list in CSV format. https://www.ibm.com/support/pages/softwarelifecycle-product-list Each minor version of these Products is Supported for twenty-four (24) months from the release of that minor version. The most current version is Approved version; releases occur every month Allow 6 months for Prohibited; Divest Plabn and Divest Execution; Allow 6 month for Emerging to approved Requires additional research Blackbaud ended Support on 12/15/2021 web-based analytics tool; includes App + Web properties

Free Software Foundation GNU General Public icense
SaaS; need login to verify product support