GETTING AND INSTALLING ESRI BUSINESS ANALYST DATA

Prerequisites 1: Business Analyst extension needs to be licensed.

- Start ArcGIS Pro
- At the starting window, go to Licensing tab on the left
- Confirm that Business Analyst is licensed under Esri Extensions

				ArcGIS Pro	
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New					
Open	ArcGIS Pro Name	d User License			
	Name	Licensed	Expires		
	Basic	No	N/A		
	Standard	No	N/A		
	Advanced	Yes	4/14/20	25	
Portals	ArcGIS Pro Extens	ions			
Licensing	Name		Licensed	Expires	
Licensing	3D Analyst		Yes	4/14/2025	
Options	Aviation Airports		Yes	4/14/2025	
	Aviation Charting		Yes	4/14/2025	
Package Manager	Bathymetry		Yes	4/14/2025	_
Add-In Manager	Business Analyst		Yes	4/14/2025	
Add-In Manager	Data latera a sechility		M	4 /4 4 /2025	

Clemson students, staff, and faculty can download Esri Business Analyst Data and use it instead of data stored in ArcGIS Online. This way, you can save your credits when using Business Analyst tools. See below for instructions.

Prerequisites 2: Approximately 148 GB of free space is available

Each 7-Zip file size is approximately 10.5 GB. Ensure 60 GB of free space is available on the drive where these files will be downloaded. You need 148 GB of free space on the drive you are using. Once you have downloaded and uncompressed the files, you can delete the 7-Zip files and install directories to free up space. For more information, please visit Esri's website <u>here</u>.

Prerequisites 3: 7-Zip open source program

The 7-Zip open source program is required to extract and automatically reassemble the Business Analyst data file archives. You will need to install 7-Zip to extract the necessary files from the downloads. Current 7-Zip users will want to install the latest version - ensuring a more efficient extraction process. You may download 7-Zip from the official site: <u>http://www.7-zip.org/</u>.



1. Connect to the Software Drive

- 1.1. To get the installation software for Business Analyst Data Update, you need to be connected to the campus network.
- 1.2. Once you are connected to eduroam WiFi, open your file explorer and click on This PC in the menu on the left.
- 1.3. After clicking on This PC, click three dots and select Map network drive.

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Clemson University	Ø Options	
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1.4. Type \\software.clemson.edu\software at Folder. The letter chosen in the Drive dropdown menu is arbitrary. Check Reconnect as sign-in. Click Finish.

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🔶 Map	Network Drive	
What r	network folder would you like to map?	
Specify th	he drive letter for the connection and the folder that you want to connect to:	
Drive:	Z: ~	
Folder:	\\software.clemson.edu\software	
	Example: \\server\share	
	Reconnect at sign-in	
	Connect using different credentials	
	Connect to a Web site that you can use to store your documents and pictures.	
	Finish Canc	el



1.5. You will be prompted to enter a password. In the Enter Network Password dialogue box, enter your Clemson User ID and password. Click OK. If necessary, click Finish again.

	X
	Map Network Drive
	Attempting to connect to \\gs05.clemson.edu\software
Windows Security	want to connect to:
Enter Network Password	Carles
Enter your password to connect to: gs05.clemson.edu	Folder: \\gs05.clemson.edu\software
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lisername	Reconnect at logon
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Domain: CAWIPUS	
Remember my credentials	
OK Cancel	Finish Cancel

1.6. After connecting to the network drive, it should display in This PC. It will be labeled software(\\software.clemson.edu).

2. Obtain the Software installer

- 2.1. Open the Software drive.
- 2.2. In the Software folder, scroll until you see a folder labeled ESRI. Open the folder.



2.3. Open the Windows folder.

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2.4. Open Business_Analyst_Data.

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2.5. Find the latest dataset (As of July 2024, the latest is BA_2024) and right click on that folder and copy it.

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2.6. Open a local folder of your computer where you would like to save the Business Analyst data. Right click on the white space and click Paste. The example below saves BA_2024 in a folder in C drive.

Notes:

- Highly recommend saving data in a folder that online cloud storage, such as OneDrive and Google Drive, is not using. Online cloud storage will try to upload the downloaded files, which takes time and online storage space.
- The copy process will take some time and be based on the user's internet connection speed. The Clemson Campus network is very fast, and it would take the least amount of time.
- Once the installation is complete and working correctly, it's okay to delete these copied data (zip files) to free up the large amount of disk space it takes up.



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2.7. Open the folder by double clicking on it and you will find ESRI_BA_202x_US_Data_Update.7z.001.

BA_2024	× +				
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ESRI_BA_2024_US_Data_Upd	ate.7z.002	7/10/2024 12:07 PM	002 File	10,485,760 KB	
ESRI_BA_2024_US_Data_Upd	ate.7z.003	7/10/2024 12:07 PM	003 File	10,485,760 KB	
ESRI_BA_2024_US_Data_Upd	ate.7z.004	7/10/2024 12:06 PM	004 File	10,485,760 KB	
ESRI_BA_2024_US_Data_Upd	ate.7z.005	7/10/2024 12:04 PM	005 File	10,485,760 KB	
ESRI_BA_2024_US_Data_Upd	ate.7z.006	7/10/2024 12:05 PM	006 File	9,167,631 KB	
🔤 ESRI_BA_2024_US_Semantic	_Search_Resources.7z	7/10/2024 12:35 PM	Compressed Archive Folder	206,978 KB	

2.8. Right click on ESRI_BA_202x_US_Data_Update.7z.001, select Show more options, 7-Zip and Extract Here to extract data.

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ESRI_BA_2024_US_Data_Update.7z.00	4	Add to Favorites			10 //85 760 KR	
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ESKI_BA_2024_05_Data_0pdate./2.00	5	Scan with Microsoft Defender		Open archive		
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		🖻 Share		Extract to "ES	RI_BA_2024_US_Dat	a_Update\"
		Restore previous versions		Test archive		



2.9. After extraction completed, you w	II see ESRI_BA	_202x_US_Da	ata_Update folder.
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Name	Date modified	Туре	Size
ESRI_BA_2024_US_Data_Update	6/21/2024 7:01 PM	File folder	
늘 License_File	7/12/2024 9:35 AM	File folder	
ESRI_BA_2024_US_Data_Update.7z.001	7/10/2024 12:06 PM	WinRAR archive	10,485,760 KB
ESRI_BA_2024_US_Data_Update.7z.002	7/10/2024 12:07 PM	002 File	10,485,760 KB
ESRI_BA_2024_US_Data_Update.7z.003	7/10/2024 12:07 PM	003 File	10,485,760 KB
ESRI_BA_2024_US_Data_Update.7z.004	7/10/2024 12:06 PM	004 File	10,485,760 KB
ESRI_BA_2024_US_Data_Update.7z.005	7/10/2024 12:04 PM	005 File	10,485,760 KB
ESRI_BA_2024_US_Data_Update.7z.006	7/10/2024 12:05 PM	006 File	9,167,631 KB
🔤 ESRI_BA_2024_US_Semantic_Search_Resour	rces.7z 7/10/2024 12:35 PM	Compressed Archive Fo	206,978 KB
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2.10. If the optional semantic search file was downloaded, right-click ESRI_BA_202x_US_Semantic_Search_Resources.7z and click 7-Zip > Extract Here.

3. Install Business Analyst US Data Update

3.1. Open ESRI_BA_202x_US_Data_Update folder and you will find an installer, setup.exe. Double click on it to start installation.

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🗋 0x0409.ini	3/23/2010 7:44 PM	INI File	22 KB					
dataset_description.xml	5/7/2024 5:40 PM	xmlfile	5 KB					
Datasets.cab	6/16/2024 9:07 PM	Cabinet File	25,797 KB					
🔄 setup.exe	6/16/2024 9:07 PM	Application	1,204 KB					
Setup.ini	6/16/2024 9:07 PM	INI File	5 KB					
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🛃 us-2024-dataset-setup-guide.pdf	6/21/2024 6:58 PM	Adobe Acrobat Document	319 KB					
11 items 1 item selected 1.17 MB								



3.2. Click Next. Select I accept the terms in the license agreement and click Next (Screen shots below are those of 2024).



3.3. Select Typical and click Next. Click Install.

💽 Esri Business Analyst 2024 US Data Update - Setup 🛛 🗙 🗙	코 Esri Business Analyst 2024 US Data Update - Setup 🛛 🗙 🗙
Setup Type Choose the setup type that best suits your needs.	Ready to Install the Program The wizard is ready to begin installation.
Please select a setup type. • Typical • All required datasets will be installed with Business Analyst. This will oad all required Business Analyst data components to your local hard drive (e.g. C:\ArcGIS\Business Analyst\US_2024). This will require approximately 88 GB of disk space. • Custom Use this option to select which Business Analyst data components you want installed and where they will be installed. Recommended for users with limited disk space on the system hard drive.	Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield Sack Next > Cancel	InstallShield Sack Install Cancel

3.4. After installation process is completed, click Finish to close the wizard.





4. Activate License

4.1. Start ArcGIS Pro and Click Settings. Navigate to Licensing tab and click Manage your data licensing. At Manage Data Licneses window, click Add.

	New	Licensi	ng		
	Open	ArcGIS Pro Named User License			
	Save Save As	Name Basic Standard	Licensed No No	Expires N/A N/A	
Arc GIS ° Pro	Portals	Advanced Esri Extensi	ions	4/14/2023	
Open	Options Python	Name 3D Analyst Aviation Airports		Licensed Yes Yes	
Recent Projects	E Add-In Manager	Aviation Charting Bathymetry		Yes Yes	
MyProject D\ArcGIS\MyProject\MyProject.ap	Help About	Business Analyst Data Interoperabilit Data Reviewer Defense Mapping Geostatistical Analys	у et	Yes Yes Yes Ves	
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4.2. License file (extension of .sdlic) can be found License_File folder in BA_202x folder. Locate it and click Open.

Select a license file to authorize ArcGIS Pro				
\leftarrow \rightarrow \checkmark \uparrow \blacksquare \ll BA_2024 \rightarrow License_File	~ C	Search License_File		0
Organize • New folder		8=	•	•
439-BA-USA-2024-NAT-MPI.sdlic Type: SDLIC File	Date mo Size: 27.	odified: 7/11/2024 2:5 7 MB	7 PM	
File name: 439-BA-USA-2024-NAT-MPI.sdlic	~	(*.sdlic)		
		Open	Cancel	

4.3. Confirm that Business Analyst data licenses are added as follows. Click OK.

rrent Data License		Add	Remove	xport
icense Name	Provider	Created	Expiration Date	
SA_ESRI_2024_CEX1	esri	2024-06-09	Doesn't Expire	
SA_ESRI_2024_DHC	esri	2024-06-09	Doesn't Expire	
SA_ESRI_2024_ACS	esri	2024-06-09	Doesn't Expire	
SA_ESRI_2024_ASR	esri	2024-05-09	Doesn't Expire	
SA_ESRI_2024_BSUM	esni	2024-06-09	Doesn't Expire	
SA_ESRI_2024_MPI2	esri	2024-06-09	Doesn't Expire	
SA_ESRI_2024_MPI1	esri	2024-05-09	Doesn't Expire	
SA_ESRI_2024_BASE	esni	2024-06-09	Doesn't Expire	
SA_ESRI_2024_RATES	esri	2024-06-09	Doesn't Expire	
SA_ESRI_2024_BLOCKS	esri	2024-06-09	Doesn't Expire	
SA_ESRI_2024_DATA_AXLE	esri	2024-05-09	Doesn't Expire	
SA_ESRI_2024_CEX2	esni	2024-06-09	Doesn't Expire	
SA_ESRI_2024_RETAILDEMAND	esri	2024-05-09	Doesn't Expire	
SA_ESRI_2024_MRI_GROUPS	esri	2024-05-09	Doesn't Expire	



4.4. Confirm that Business Analyst now uses the installed local data. Open a project in ArcGIS Pro, navigate to Analysis tab and select Business Analysis. If you see " USA_ESRI_2024", you are all set.



4.5. To further confirm, click on Change data source. Your Business Analysis tools should point to local data as follows (left). Confirm that data source is NOT pointing to data stored on ArcGIS Online (right).

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Name USA_ESRI_2024		Show 'ma	rgin of error' toggles (Rusiness Analyst Data Source	Variable List
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