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ArcGIS® Notebooks

Python Libraries Manifest

ArcGIS® Notebooks provides a spatially optimized Jupyter experience to create, share, and run data science, data management, and administrative scripts.

With ArcGIS Notebooks, you can perform analysis, automate workflows, and immediately visualize data and analysis results in a geographic context. It is an efficient, modern environment that combines code, real-time visualizations and maps, and data tools.

ArcGIS Notebooks features the ArcGIS Python libraries, ArcGIS API for Python, and ArcPy™. ArcGIS Notebooks also includes access to hundreds of open-source Python libraries and packages.

This publication provides a complete list of the Python libraries—including their versions—that are packaged in the ArcGIS Notebooks runtime version 10.0. The first two lists are for Linux Containers, and the second two are for Windows Containers.

ArcGIS Notebooks Runtime

Python 3 Standard (Linux Containers) | Version 10.0

RELEASED

May 2024

TOTAL PACKAGES

587

SUPPORTED IN

ArcGIS Enterprise 11.3 and the June 2024 update of ArcGIS Online

In ArcGIS Enterprise, you can customize your notebook environment. Learn more—read [Extend a Notebook Runtime](#).

Library Name	Version	Library Name	Version	Library Name	Version
_libgcc_mutex	0.1	blosc	1.21.3	confection	0.1.4
_openmp_mutex	5.1	bokeh	3.2.1	cons	0.4.6
_py-xgboost-mutex	2.0	boltons	23.0.0	contourpy	1.2.0
abseil-cpp	20211102.0	boost	1.82.0	cryptography	42.0.5
absl-py	1.4.0	boost-cpp	1.82.0	cuda-toolkit	11.8.0
addict	2.4.0	boto3	1.24.28	cuda-nn	8.7.0.84
affine	2.3.0	botocore	1.27.59	cupti	11.8.0
aiohttp	3.9.3	bottleneck	1.3.5	cycler	0.11.0
aiohttp	3.9.3	brotli	1.0.9	cymem	2.0.6
aiohttp	3.9.3	brotli-bin	1.0.9	cython	0.29.33
aiosignal	1.2.0	brotli-python	1.0.9	cython-blis	0.7.9
albumentations	1.0.3	brunli	0.1	cytoolz	0.12.2
alembic	1.8.1	bzip2	1.0.8	dask	2023.3.2
altair	5.0.1	c-ares	1.19.1	dask-core	2023.3.2
annotated-types	0.6.0	c-blosc2	2.12.0	dask-glm	0.2.0
ansiwrap	0.8.4	ca-certificates	2024.3.11	dask-ml	2023.3.24
anyio	3.5.0	cachetools	4.2.2	datasets	2.16.1
aom	3.6.0	cairo	1.16.0	dav1d	1.2.1
arcgis	2.3.0	catalogue	2.0.10	dbus	1.13.18
archspec	0.2.3	catboost	1.2.3	debugpy	1.6.7
argon2-cffi	21.3.0	category-encoders	2.2.2	decorator	5.1.1
argon2-cffi-bindings	21.2.0	certifi	2024.2.2	defusedxml	0.7.1
arrow-cpp	14.0.2	cffi	1.16.0	descartes	1.1.0
arviz	0.16.0	cfitsio	3.470	detreg	1.0.0
asttokens	2.0.5	cftime	1.6.2	dill	0.3.7
astunparse	1.6.3	chardet	4.0.0	distributed	2023.3.2
atk-1.0	2.36.0	charls	2.2.0	distro	1.8.0
attrs	23.1.0	charset-normalizer	2.0.4	dm-tree	0.1.7
aws-c-auth	0.6.19	click	8.1.7	dtreeviz	1.3.7
aws-c-cal	0.5.20	click-plugins	1.1.1	einops	0.7.0
aws-c-common	0.8.5	cliff	3.8.0	ensemble-boxes	1.0.8
aws-c-compression	0.2.16	cligj	0.7.2	entrypoints	0.4
aws-c-event-stream	0.2.15	cloudpathlib	0.16.0	et_xmlfile	1.1.0
aws-c-http	0.6.25	cloudpickle	2.2.1	etuples	0.3.9
aws-c-io	0.13.10	cmaes	0.8.2	executing	0.8.3
aws-c-mqtt	0.7.13	cmd2	2.4.3	expat	2.6.0
aws-c-s3	0.1.51	colorama	0.4.6	fairlearn	0.8.0
aws-c-sdkutils	0.1.6	colorcet	3.1.0	fastai	1.0.63
aws-checksums	0.1.13	colorlog	5.0.1	fastprogress	0.2.3
aws-crt-cpp	0.18.16	colour	0.1.5	fasttext	0.9.2
aws-sdk-cpp	1.10.55	comm	0.2.1	ffmpeg	4.0
azure-core	1.12.0	conda	24.1.2	filelock	3.13.1
azure-storage-blob	12.8.0	conda-content-trust	0.2.0	fiona	1.9.5
backcall	0.2.0	conda-libmamba-solver	24.1.0	fire	0.4.0
beautifulsoup4	4.12.2	conda-package-handling	2.2.0	fmt	9.1.0
black	24.3.0	conda-pack-age-streaming	0.9.0	font-ttf-dejavu-sans-mono	2.37
blas	1.0				
bleach	4.1.0				
blinker	1.6.2				

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Library Name	Version	Library Name	Version	Library Name	Version
font-ttf-inconsolata	2.001	icu	73.1	krb5	1.20.1
font-ttf-source-code-pro	2.030	idna	3.4	langcodes	3.3.0
font-ttf-ubuntu	0.83	imagecodecs	2023.1.23	laspy	1.7.1
fontconfig	2.14.1	imageio	2.33.1	lazy_loader	0.3
fonts-anaconda	1	imgaug	0.4.0	lcms2	2.12
fonts-conda-ecosystem	1	importlib-metadata	7.0.1	ld_impl_linux-64	2.38
fonttools	4.25.0	importlib_metadata	7.0.1	lerc	3.0
freeglut	3.0.0	iniconfig	1.1.1	libaec	1.0.4
freetype	2.12.1	inplace-abn	1.1.0	libarchive	3.6.2
freexl	2.0.0	intel-openmp	2023.1.0	libavif	0.11.1
fribidi	1.0.10	ipykernel	6.25.0	libboost	1.82.0
frozenlist	1.4.0	ipympl	0.8.7	libbrotlicommon	1.0.9
fsspec	2023.10.0	ipython	7.34.0	libbrotlidec	1.0.9
gast	0.5.3	ipython_genutils	0.2.0	libbrotlienc	1.0.9
gdal	3.8.3	ipywidgets	7.7.2	libclang	14.0.6
gdk-pixbuf	2.42.10	isodate	0.6.0	libclang13	14.0.6
geomet	1.0.0	jaraco.classes	3.2.1	libcurl	8.5.0
geos	3.8.0	jasper	2.0.14	libdeflate	1.17
geotiff	1.7.0	jedi	0.18.2	libedit	3.1.20230828
gflags	2.2.2	jeepney	0.7.1	libev	4.33
giflib	5.2.1	jinja2	3.1.3	libevent	2.1.12
glib	2.78.4	jmespath	1.0.1	libffi	3.4.4
glib-tools	2.78.4	joblib	1.2.0	libgcc-ng	11.2.0
glog	0.5.0	jpeg	9e	libgd	2.3.3
gmp	6.2.1	json-c	0.16	libgdal	3.8.3
gmpy2	2.1.2	jsonpatch	1.33	libgfortran-ng	11.2.0
gobject-introspection	1.78.1	jsonpointer	2.1	libgfortran5	11.2.0
google-auth	2.22.0	jsonschema	4.19.2	libglib	2.78.4
google-auth-oauthlib	0.5.2	jsonschema-specifications	2023.7.1	libglu	9.0.0
google-pasta	0.2.0	jupyter_client	6.1.12	libgomp	11.2.0
graphite2	1.3.14	jupyter_contrib_core	0.4.0	libiconv	1.16
graphviz	2.50.0	jupyter_contrib_nbextensions	0.5.1	libjpeg-turbo	2.0.0
greenlet	3.0.1	jupyter_core	5.5.0	libkml	1.3.0
grpc-cpp	1.48.2	jupyter_highlight_selected_word	0.2.0	libllvm14	14.0.6
grpcio	1.48.2	jupyter_latex_envs	1.4.6	libmamba	1.5.8
gtk2	2.24.33	jupyter_nbextensions_configurator	0.4.1	libmambapy	1.5.8
gts	0.7.6	jupyter_server	1.21.0	libnetcdf	4.8.1
h3-py	3.7.6	jupyterlab_pygments	0.2.2	libnghttp2	1.57.0
h5netcdf	1.2.0	jupyterlab_widgets	3.0.3	libopencv	4.8.1
h5py	3.7.0	jxrllib	1.1	libopus	1.3.1
harfbuzz	4.3.0	kealib	1.5.0	libpng	1.6.39
hdf4	4.2.13	keras	2.13.1	libpq	12.17
hdf5	1.12.1	keyring	23.13.1	libprotobuf	3.20.3
holoviews	1.17.1	kiwisolver	1.4.4	librsvg	2.54.4
html5lib	1.1			libsodium	1.0.18
huggingface_hub	0.20.3			libsolv	0.7.24
				libspatialindex	1.9.3

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Library Name	Version	Library Name	Version	Library Name	Version
libspatialite	5.1.0	mmdet3d	1.2.0	optuna	3.0.4
libssh2	1.10.0	mmengine	0.8.5	orc	1.7.4
libstdcxx-ng	11.2.0	mmsegmentation	1.1.2	packaging	23.2
libthrift	0.15.0	more-itertools	10.1.0	pandas	2.0.2
libtiff	4.5.1	motmetrics	1.1.3	pandocfilters	1.5.0
libtool	2.4.6	mpc	1.1.0	panel	1.2.3
libuuid	1.41.5	mpfr	4.0.2	pango	1.50.7
libvpx	1.7.0	mpi	1.0	papermill	2.3.4
libwebp	1.3.2	mpich	4.1.1	param	1.13.0
libwebp-base	1.3.2	mpmath	1.3.0	parso	0.8.3
libxcb	1.15	msgpack-python	1.0.3	partd	1.4.1
libxgboost	1.7.3	msrest	0.6.21	pathspec	0.9.0
libxml2	2.10.4	multidict	6.0.4	patsy	0.5.3
libxslt	1.1.37	multipledispatch	0.6.0	pbr	5.6.0
libzip	1.8.0	multiprocess	0.70.15	pcre2	10.42
libzopfli	1.0.3	munch	2.5.0	pexpect	4.8.0
lightgbm	4.1.0	munkres	1.1.4	pickleshare	0.7.5
linkify-it-py	2.0.0	murmurhash	1.0.7	pillow	10.2.0
llvmlite	0.41.0	mypy_extensions	1.0.0	pip	23.3.1
locket	1.0.0	nbclassic	0.5.5	pixman	0.40.0
logical-unification	0.4.6	nbclient	0.7.0	platformdirs	3.10.0
lxml	4.9.3	nbconvert	7.2.1	plotly	5.19.0
lz4	4.3.2	nbformat	5.6.1	pluggy	1.0.0
lz4-c	1.9.4	ncurses	6.4	portaudio	19.6.0
lzo	2.10	nest-asyncio	1.6.0	postgresql	12.17
magma-cuda118	2.6.1	netcdf4	1.6.2	preshed	3.0.6
mako	1.2.3	networkx	3.1	prettytable	2.1.0
markdown	3.4.1	neural-structured-learning	1.4.0	proj	9.3.1
markdown-it-py	2.2.0	ninja	1.10.2	prometheus_client	0.8.0
markupsafe	2.1.3	ninja-base	1.10.2	prompt-toolkit	3.0.42
matplotlib	3.6.3	notebook	6.5.4	prompt_toolkit	3.0.42
matplotlib-base	3.6.3	notebook-shim	0.1.0	protobuf	3.20.3
matplotlib-inline	0.1.6	numba	0.58.1	psutil	5.9.0
mdit-py-plugins	0.3.0	numexpr	2.8.4	ptyprocess	0.7.0
mdurl	0.1.0	numpy	1.24.3	pure_eval	0.2.2
menuinst	2.0.2	numpy-base	1.24.3	puremagic	1.15
metis	5.1.0	nuscenes-devkit	1.1.3	py-boost	1.82.0
minikanren	1.0.3	nvidia-ml-py3	7.352.0	py-cpuinfo	9.0.0
minizip	4.0.3	oauthlib	3.2.2	py-opencv	4.8.1
mistune	2.0.4	onnx	1.13.1	py-xgboost	1.7.3
mkl	2023.1.0	onnx-tf	1.9.0	pyarrow	14.0.2
mkl-service	2.4.0	opencv	4.8.1	pyasn1	0.4.8
mkl_fft	1.3.8	openjpeg	2.4.0	pyasn1-modules	0.2.8
mkl_random	1.2.4	openpyxl	3.0.10	pybind11	2.12.0
mljar-supervised	0.11.2	openssl	3.0.13	pybind11-abi	4
mmcv	2.0.1	opt-einsum	3.3.0	pybind11-global	2.12.0
mmdet	3.1.0			pycocotools	2.0.7

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Library Name	Version	Library Name	Version	Library Name	Version
pycosat	0.6.6	requests-oauthlib	1.3.0	tensorboard-data-server	0.7.0
pycparser	2.21	requests-toolbelt	1.0.0	tensorboard-plugin-wit	1.6.0
pydantic	2.4.2	rich	13.3.5	tensorboardx	2.6.2.2
pydantic-core	2.10.1	rise	5.7.1	tensorflow	2.13.0
pygments	2.17.2	rpds-py	0.10.6	tensorflow-addons	0.22.0
pyjwt	2.4.0	rsa	4.7.2	tensorflow-estimator	2.13.0
pykerberos	1.2.1	rtree	1.0.1	tensorflow-hub	0.16.1
pylerc	4.0	ruamel.yaml	0.17.21	tensorflow-io-gcs-filesystem	0.31.0
pymc	5.6.1	s2n	1.3.27	tensorflow-model-optimization	0.7.5
pyodbc	4.0.34	s3transfer	0.6.0	termcolor	2.1.0
pyopenssl	24.0.0	safetensors	0.4.2	terminado	0.17.1
yparsing	3.0.9	scikit-image	0.20.0	terminaltables	3.1.0
pyperclip	1.8.2	scikit-learn	1.3.0	textwrap3	0.9.2
pyproj	3.6.1	scikit-plot	0.3.7	tflite-model-maker	0.3.4
pyquaternion	0.9.9	scipy	1.11.3	tflite-support	0.4.4
pyshp	2.1.3	seaborn	0.12.2	thinc	8.2.2
pysocks	1.7.1	secretstorage	3.3.1	threadpoolctl	2.2.0
pyspnego	0.8.0	send2trash	1.8.2	tifffile	2023.4.12
pytables	3.8.0	sentencepiece	0.1.99	tiledb	2.3.3
pytensor	2.12.3	setuptools	68.2.2	timm	0.4.12
pytest	7.4.0	shap	0.42.1	tinycss2	1.1.1
python	3.11.8	shapely	2.0.1	tk	8.6.12
python-dateutil	2.8.2	shellingham	1.5.0	tokenizers	0.15.0
python-fastjsonschema	2.16.2	simplejson	3.17.6	tomli	2.0.1
python-flatbuffers	23.5.26	six	1.16.0	toolz	0.12.0
python-graphviz	0.20.1	slicer	0.0.7	torch-cluster	1.6.3
python-gssapi	1.8.1	smart_open	5.2.1	torch-geometric	2.4.0
python-sounddevice	0.4.4	snappy	1.1.10	torch-scatter	2.1.2
python-xxhash	2.0.2	sniffio	1.3.0	torch-sparse	0.6.18
pytorch	2.0.1	snuggs	1.4.7	torch-spline-conv	1.2.2
pytz	2023.3.post1	sortedcontainers	2.4.0	torchvision	0.15.2
pyviz_comms	3.0.2	soupsieve	2.5	tornado	6.3.3
pywavelets	1.5.0	spacy	3.7.2	tqdm	4.65.0
pyyaml	6.0.1	spacy-legacy	3.0.12	traitlets	5.5.0
pyzmq	24.0.1	spacy-loggers	1.0.4	transformers	4.36.2
rasterio	1.3.9	sqlalchemy	2.0.21	trimesh	2.35.39
rasterstats	0.19.0	sqlite	3.41.2	truststore	0.8.0
re2	2022.04.01	srsly	2.4.8	typeguard	2.13.0
readline	8.2	stack_data	0.5.1	typer	0.9.0
referencing	0.30.2	statsmodels	0.14.0	typing-extensions	4.9.0
regex	2023.10.3	stevedore	5.1.0	typing_extensions	4.9.0
reproc	14.2.4	sympy	1.11.1	tzdata	2024a
reproc-cpp	14.2.4	tabulate	0.9.0	uc-micro-py	1.0.1
requests	2.31.0	tbb	2021.8.0	ujson	5.4.0
requests-gssapi	1.2.3	tblib	1.7.0		
requests-kerberos	0.12.0	tenacity	8.2.2		
		tensorboard	2.13.0		

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Library Name	Version
unixodbc	2.3.11
urllib3	1.26.18
utf8proc	2.6.1
wasabi	0.9.1
wcwidth	0.2.5
weasel	0.3.4
webencodings	0.5.1
websocket-client	0.58.0
werkzeug	2.3.8
wheel	0.41.2
widgetsnbextension	3.6.1
wordcloud	1.9.2
wrapt	1.14.1
xarray	2023.6.0
xarray-einstats	0.6.0
xerces-c	3.2.4
xgboost	1.7.3
xlrd	2.0.1
xmldict	0.13.0
xxhash	0.8.0
xyzservices	2022.9.0
xz	5.4.6
yaml	0.2.5
yaml-cpp	0.8.0
yapf	0.40.2
yarl	1.9.3
zeromq	4.3.5
zfp	1.0.0
zict	3.0.0
zipp	3.17.0
zlib	1.2.13
zlib-ng	2.0.7
zstandard	0.19.0
zstd	1.5.5

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ArcGIS Notebooks Runtime

Python 3 Advanced (Linux Containers) | Version 10.0

RELEASED

May 2024

TOTAL PACKAGES

593

SUPPORTED IN

ArcGIS Enterprise 11.3 and the June 2024 update of ArcGIS Online

The use of the Advanced and/or Advanced with GPU runtime consumes credits within ArcGIS Online. See ArcGIS Online [credits by capability](#) for more details.

In ArcGIS Enterprise, you can customize your notebook environment. Learn more—read [Extend a Notebook Runtime](#).

Library Name	Version	Library Name	Version	Library Name	Version
_libgcc_mutex	0.1	blinker	1.6.2	conda-pack-age-streaming	0.9.0
_openmp_mutex	5.1	blosc	1.21.3	confection	0.1.4
_py-xgboost-mutex	2.0	bokeh	3.2.1	cons	0.4.6
abseil-cpp	20211102.0	boltons	23.0.0	contourpy	1.2.0
absl-py	1.4.0	boost	1.82.0	cryptography	42.0.5
addict	2.4.0	boost-cpp	1.82.0	cuda-toolkit	11.8.0
affine	2.3.0	boto3	1.24.28	cuda-nn	8.7.0.84
aiohttp	3.9.3	botocore	1.27.59	cupti	11.8.0
aio-signal	1.2.0	bottleneck	1.3.5	cycler	0.11.0
albumentations	1.0.3	brotli	1.0.9	cymem	2.0.6
alembic	1.8.1	brotli-bin	1.0.9	cython	0.29.33
altair	5.0.1	brotli-python	1.0.9	cython-blis	0.7.9
annotated-types	0.6.0	brunli	0.1	cytoolz	0.12.2
ansiwrap	0.8.4	bzip2	1.0.8	dask	2023.3.2
anyio	3.5.0	c-ares	1.19.1	dask-core	2023.3.2
aom	3.6.0	c-blosc2	2.12.0	dask-glm	0.2.0
arcgis	2.3.0	ca-certificates	2024.3.11	dask-ml	2023.3.24
arcgis-server-py3	11.3.0	cachetools	4.2.2	datasets	2.16.1
archspec	0.2.3	cairo	1.16.0	dav1d	1.2.1
argon2-cffi	21.3.0	catalogue	2.0.10	dbus	1.13.18
argon2-cffi-bindings	21.2.0	catboost	1.2.3	debugpy	1.6.7
arrow-cpp	14.0.2	category-encoders	2.2.2	decorator	5.1.1
arviz	0.16.0	certifi	2024.2.2	defusedxml	0.7.1
asttokens	2.0.5	cffi	1.16.0	descartes	1.1.0
astunparse	1.6.3	cfitsio	3.470	detreg	1.0.0
atk-1.0	2.36.0	cftime	1.6.2	dill	0.3.7
attrs	23.1.0	chardet	4.0.0	distributed	2023.3.2
aws-c-auth	0.6.19	charls	2.2.0	distro	1.8.0
aws-c-cal	0.5.20	charset-normalizer	2.0.4	dm-tree	0.1.7
aws-c-common	0.8.5	click	8.1.7	dtreeviz	1.3.7
aws-c-compression	0.2.16	click-plugins	1.1.1	einops	0.7.0
aws-c-event-stream	0.2.15	cliff	3.8.0	ensemble-boxes	1.0.8
aws-c-http	0.6.25	cligj	0.7.2	entrypoints	0.4
aws-c-io	0.13.10	cloudpathlib	0.16.0	et-xmlfile	1.1.0
aws-c-mqtt	0.7.13	cloudpickle	2.2.1	etuples	0.3.9
aws-c-s3	0.1.51	cmaes	0.8.2	executing	0.8.3
aws-c-sdkutils	0.1.6	cmd2	2.4.3	expat	2.6.0
aws-checksums	0.1.13	colorama	0.4.6	fairlearn	0.8.0
aws-crt-cpp	0.18.16	colorcet	3.1.0	fastai	1.0.63
aws-sdk-cpp	1.10.55	colorlog	5.0.1	fastprogress	0.2.3
azure-core	1.12.0	colour	0.1.5	fasttext	0.9.2
azure-storage-blob	12.8.0	comm	0.2.1	ffmpeg	4.0
backcall	0.2.0	conda	24.1.2	filelock	3.13.1
beautifulsoup4	4.12.2	conda-content-trust	0.2.0	fiona	1.9.5
black	24.3.0	conda-libmamba-solver	24.1.0	fire	0.4.0
blas	1.0	conda-package-handling	2.2.0	fmt	9.1.0
bleach	4.1.0				

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Library Name	Version
font-ttf-dejavu-sans-mono	2.37
font-ttf-inconsolata	2.001
font-ttf-source-code-pro	2.030
font-ttf-ubuntu	0.83
fontconfig	2.14.1
fonts-anaconda	1
fonts-conda-ecosystem	1
fonttools	4.25.0
freeglut	3.0.0
freetype	2.12.1
freexl	2.0.0
fribidi	1.0.10
frozenset	1.4.0
fsspec	2023.10.0
future	0.18.3
gast	0.5.3
gdal	3.8.3
gdk-pixbuf	2.42.10
geomet	1.0.0
geos	3.8.0
geotiff	1.7.0
gflags	2.2.2
giflib	5.2.1
glib	2.78.4
glib-tools	2.78.4
glog	0.5.0
gmp	6.2.1
gmpy2	2.1.2
gobject-introspection	1.78.1
google-auth	2.22.0
google-auth-oauthlib	0.5.2
google-pasta	0.2.0
graphite2	1.3.14
graphviz	2.50.0
greenlet	3.0.1
grpc-cpp	1.48.2
grpcio	1.48.2
gtk2	2.24.33
gts	0.7.6
h3-py	3.7.6
h5netcdf	1.2.0
h5py	3.7.0
harfbuzz	4.3.0
hdf4	4.2.13
hdf5	1.12.1

Library Name	Version
holoviews	1.17.1
html5lib	1.1
huggingface_hub	0.20.3
icu	73.1
idna	3.4
imagecodecs	2023.1.23
imageio	2.33.1
imgaug	0.4.0
importlib-metadata	7.0.1
importlib_metadata	7.0.1
iniconfig	1.1.1
inplace-abn	1.1.0
intel-openmp	2023.1.0
ipykernel	6.25.0
ipyml	0.8.7
ipython	7.34.0
ipython_genutils	0.2.0
ipywidgets	7.7.2
isodate	0.6.0
jaraco.classes	3.2.1
jasper	2.0.14
jedi	0.18.2
jeepney	0.7.1
jinja2	3.1.3
jmespath	1.0.1
joblib	1.2.0
jpeg	9e
json-c	0.16
jsonpatch	1.33
jsonpointer	2.1
jsonschema	4.19.2
jsonschema-specifications	2023.7.1
jupyter_client	6.1.12
jupyter_contrib_core	0.4.0
jupyter_contrib_nbextensions	0.5.1
jupyter_core	5.5.0
jupyter_highlight_selected_word	0.2.0
jupyter_latex_envs	1.4.6
jupyter_nbextensions_configurator	0.4.1
jupyter_server	1.21.0
jupyterlab_pygments	0.2.2
jupyterlab_widgets	3.0.3
jxrlib	1.1
kealib	1.5.0

Library Name	Version
keras	2.13.1
keyring	23.13.1
kiwisolver	1.4.4
krb5	1.20.1
langcodes	3.3.0
laspy	1.7.1
lazy_loader	0.3
lcms2	2.12
ld_impl_linux-64	2.38
lerc	3.0
libaec	1.0.4
libarchive	3.6.2
libavif	0.11.1
libboost	1.82.0
libbrotlicommon	1.0.9
libbrotlidec	1.0.9
libbrotlienc	1.0.9
libclang	14.0.6
libclang13	14.0.6
libcurl	8.5.0
libdeflate	1.17
libedit	3.1.20230828
libev	4.33
libevent	2.1.12
libffi	3.4.4
libgcc-ng	11.2.0
libgd	2.3.3
libgdal	3.8.3
libgfortran-ng	11.2.0
libgfortran5	11.2.0
libglib	2.78.4
libglu	9.0.0
libgomp	11.2.0
libiconv	1.16
libjpeg-turbo	2.0.0
libkml	1.3.0
libllvm14	14.0.6
libmamba	1.5.8
libmambapy	1.5.8
libnetcdf	4.8.1
libnghttp2	1.57.0
libopencv	4.8.1
libopus	1.3.1
libpng	1.6.39
libpq	12.17
libprotobuf	3.20.3
libsvgt	2.54.4

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libsodium	1.0.18	mljar-supervised	0.11.2	openjpeg	2.4.0
libsolv	0.7.24	mmcv	2.0.1	openpyxl	3.0.10
libspatialindex	1.9.3	mmdet	3.1.0	openssl	3.0.13
libspatialite	5.1.0	mmdet3d	1.2.0	opt-einsum	3.3.0
libssh2	1.10.0	mmengine	0.8.5	optuna	3.0.4
libstdcxx-ng	11.2.0	mmsegmentation	1.1.2	orc	1.7.4
libthrift	0.15.0	more-itertools	10.1.0	packaging	23.2
libtiff	4.5.1	motmetrics	1.1.3	pandas	2.0.2
libtool	2.4.6	mpc	1.1.0	pandocfilters	1.5.0
libuuid	1.41.5	mpfr	4.0.2	panel	1.2.3
libvpx	1.7.0	mpi	1.0	pango	1.50.7
libwebp	1.3.2	mpich	4.1.1	papermill	2.3.4
libwebp-base	1.3.2	mpmath	1.3.0	param	1.13.0
libxcb	1.15	msgpack-python	1.0.3	parso	0.8.3
libxgboost	1.7.3	msrest	0.6.21	partd	1.4.1
libxml2	2.10.4	multidict	6.0.4	pathspec	0.9.0
libxslt	1.1.37	multipledispatch	0.6.0	patsy	0.5.3
libzip	1.8.0	multiprocess	0.70.15	pbr	5.6.0
libzopfli	1.0.3	munch	2.5.0	pcre2	10.42
lightgbm	4.1.0	munkres	1.1.4	pexpect	4.8.0
linkify-it-py	2.0.0	murmurhash	1.0.7	pickleshare	0.7.5
llvmlite	0.41.0	mypy_extensions	1.0.0	pillow	10.2.0
locket	1.0.0	nbclassic	0.5.5	pip	23.3.1
logical-unification	0.4.6	nbclient	0.7.0	pixman	0.40.0
lxml	4.9.3	nbconvert	7.2.1	platformdirs	3.10.0
lz4	4.3.2	nbformat	5.6.1	plotly	5.19.0
lz4-c	1.9.4	ncurses	6.4	pluggy	1.0.0
lzo	2.10	nest-asyncio	1.6.0	portaudio	19.6.0
magma-cuda118	2.6.1	netcdf4	1.6.2	postgresql	12.17
mako	1.2.3	networkx	3.1	preshed	3.0.6
markdown	3.4.1	neural-structured-learning	1.4.0	prettytable	2.1.0
markdown-it-py	2.2.0	ninja	1.10.2	proj	9.3.1
markupsafe	2.1.3	ninja-base	1.10.2	prometheus_client	0.8.0
matplotlib	3.6.3	nose	1.3.7	prompt-toolkit	3.0.42
matplotlib-base	3.6.3	notebook	6.5.4	prompt_toolkit	3.0.42
matplotlib-inline	0.1.6	notebook-shim	0.1.0	protobuf	3.20.3
mdit-py-plugins	0.3.0	numba	0.58.1	psutil	5.9.0
mdurl	0.1.0	numexpr	2.8.4	ptyprocess	0.7.0
menuinst	2.0.2	numpy	1.24.3	pure_eval	0.2.2
metis	5.1.0	numpy-base	1.24.3	puremagic	1.15
minikanren	1.0.3	nuscenes-devkit	1.1.3	py-boost	1.82.0
minizip	4.0.3	nvidia-ml-py3	7.352.0	py-cpuinfo	9.0.0
mistune	2.0.4	oauthlib	3.2.2	py-opencv	4.8.1
mk1	2023.1.0	onnx	1.13.1	py-xgboost	1.7.3
mk1-service	2.4.0	onnx-tf	1.9.0	pyarrow	14.0.2
mk1_fft	1.3.8	opencv	4.8.1	pyasn1	0.4.8
mk1_random	1.2.4			pyasn1-modules	0.2.8

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pybind11	2.12.0	regex	2023.10.3	sympy	1.11.1
pybind11-abi	4	reproc	14.2.4	tabulate	0.9.0
pybind11-global	2.12.0	reproc-cpp	14.2.4	tbb	2021.8.0
pycocotools	2.0.7	requests	2.31.0	tblib	1.7.0
pycosat	0.6.6	requests-gssapi	1.2.3	tenacity	8.2.2
pycparser	2.21	requests-kerberos	0.12.0	tensorboard	2.13.0
pydantic	2.4.2	requests-oauthlib	1.3.0	tensorboard-data-server	0.7.0
pydantic-core	2.10.1	requests-toolbelt	1.0.0	tensorboard-plugin-wit	1.6.0
pygments	2.17.2	rich	13.3.5	tensorboardx	2.6.2.2
pyjwt	2.4.0	rise	5.7.1	tensorflow	2.13.0
pykerberos	1.2.1	rpds-py	0.10.6	tensorflow-addons	0.22.0
pylerc	4.0	rsa	4.7.2	tensorflow-estimator	2.13.0
pymc	5.6.1	rtree	1.0.1	tensorflow-hub	0.16.1
pyodbc	4.0.34	ruamel.yaml	0.17.21	tensorflow-io-gcs-filesystem	0.31.0
pyopenssl	24.0.0	s2n	1.3.27	tensorflow-model-optimization	0.7.5
yparsing	3.0.9	s3transfer	0.6.0	termcolor	2.1.0
pypdf	3.15.0	safetensors	0.4.2	terminado	0.17.1
pypdf2	1.26.0	scikit-image	0.20.0	terminaltables	3.1.0
pyperclip	1.8.2	scikit-learn	1.3.0	textwrap3	0.9.2
pyproj	3.6.1	scikit-plot	0.3.7	tflite-model-maker	0.3.4
pyquaternion	0.9.9	scipy	1.11.3	tflite-support	0.4.4
pyshp	2.1.3	seaborn	0.12.2	thinc	8.2.2
pysocks	1.7.1	secretstorage	3.3.1	threadpoolctl	2.2.0
pyspnego	0.8.0	send2trash	1.8.2	tifffile	2023.4.12
pytables	3.8.0	sentencepiece	0.1.99	tiledb	2.3.3
pytensor	2.12.3	setuptools	68.2.2	timm	0.4.12
pytest	7.4.0	shap	0.42.1	tinycss2	1.1.1
python	3.11.8	shapely	2.0.1	tk	8.6.12
python-dateutil	2.8.2	shellingham	1.5.0	tokenizers	0.15.0
python-fastjsonschema	2.16.2	simplejson	3.17.6	tomli	2.0.1
python-flatbuffers	23.5.26	six	1.16.0	toolz	0.12.0
python-graphviz	0.20.1	slicer	0.0.7	torch-cluster	1.6.3
python-gssapi	1.8.1	smart_open	5.2.1	torch-geometric	2.4.0
python-sounddevice	0.4.4	snappy	1.1.10	torch-scatter	2.1.2
python-xxhash	2.0.2	sniffio	1.3.0	torch-sparse	0.6.18
pytorch	2.0.1	snuggs	1.4.7	torch-spline-conv	1.2.2
pytz	2023.3.post1	sortedcontainers	2.4.0	torchvision	0.15.2
pyviz_comms	3.0.2	soupsieve	2.5	tornado	6.3.3
pywavelets	1.5.0	spacy	3.7.2	tqdm	4.65.0
pyyaml	6.0.1	spacy-legacy	3.0.12	traitlets	5.5.0
pyzmq	24.0.1	spacy-loggers	1.0.4	transformers	4.36.2
rasterio	1.3.9	sqlalchemy	2.0.21	trimesh	2.35.39
rasterstats	0.19.0	sqlite	3.41.2	truststore	0.8.0
re2	2022.04.01	srsly	2.4.8	typeguard	2.13.0
readline	8.2	stack_data	0.5.1		
referencing	0.30.2	statsmodels	0.14.0		
		stevedore	5.1.0		

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Library Name	Version
typer	0.9.0
typing-extensions	4.9.0
typing_extensions	4.9.0
tzdata	2024a
uc-micro-py	1.0.1
ujson	5.4.0
unixodbc	2.3.11
urllib3	1.26.18
utf8proc	2.6.1
wasabi	0.9.1
wcwidth	0.2.5
weasel	0.3.4
webencodings	0.5.1
websocket-client	0.58.0
werkzeug	2.3.8
wheel	0.41.2
widgetsnbextension	3.6.1
wordcloud	1.9.2
wrapt	1.14.1
xarray	2023.6.0
xarray-einstats	0.6.0
xerces-c	3.2.4
xgboost	1.7.3
xlrd	2.0.1
xlwt	1.3.0
xmltodict	0.13.0
xxhash	0.8.0
xyzservices	2022.9.0
xz	5.4.6
yaml	0.2.5
yaml-cpp	0.8.0
yapf	0.40.2
yaml	1.9.3
zeromq	4.3.5
zfp	1.0.0
zict	3.0.0
zipp	3.17.0
zlib	1.2.13
zlib-ng	2.0.7
zstandard	0.19.0
zstd	1.5.5

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RELEASED

May 2024

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SUPPORTED IN

ArcGIS Enterprise 11.3

In ArcGIS Enterprise, you can customize your notebook environment. Learn more—read [Extend a Notebook Runtime](#).

Library Name	Version	Library Name	Version	Library Name	Version
_py-xgboost-mutex	2.0	cairo	1.16.0	distributed	2023.3.2
absl-py	1.4.0	catalogue	2.0.10	dm-tree	0.1.7
addict	2.4.0	catboost	1.2.3	dpcpp-cpp-rt	2022.2.1
affine	2.3.0	category_encoders	2.2.2	dtreeviz	1.3.7
aiohttp	3.9.3	certifi	2024.2.2	einops	0.7.0
aiosignal	1.2.0	cffi	1.16.0	ensemble-boxes	1.0.8
alumentations	1.0.3	cfitsio	3.470	entrypoints	0.4
alembic	1.8.1	cftime	1.6.3	et_xmlfile	1.1.0
altair	5.0.1	chardet	4.0.0	etuples	0.3.9
annotated-types	0.6.0	charls	2.2.0	executing	0.8.3
ansiwrap	0.8.4	charset-normalizer	2.0.4	expat	2.6.0
anyio	4.2.0	click	8.1.7	fairlearn	0.8.0
aom	3.6.0	click-plugins	1.1.1	fastai	1.0.63
appdirs	1.4.4	cliff	3.8.0	fastprogress	0.2.3
arcgis	2.3.0	cligj	0.7.2	fasttext	0.9.2
arcgispro	3.3	cloudpathlib	0.16.0	filelock	3.13.1
arcpy	3.3	cloudpickle	2.2.1	fiona	1.9.5
arcpy-base	3.3	cmaes	0.8.2	fire	0.4.0
argon2-cffi	21.3.0	cmd2	2.4.3	flake8	7.0.0
argon2-cffi-bindings	21.2.0	colorama	0.4.6	fontconfig	2.14.1
arrow-cpp	15.0.0	colorcet	3.1.0	fonttools	4.25.0
arviz	0.17.1	colorlog	5.0.1	freetype	2.13.2
asttokens	2.0.5	colour	0.1.5	fribidi	1.0.10
astunparse	1.6.3	confection	0.1.4	frozenset	1.4.0
attrs	23.1.0	cons	0.4.6	fsspec	2023.10.0
azure-core	1.12.0	contourpy	1.2.0	future	0.18.3
azure-storage-blob	12.8.0	cppzmq	4.9.0	gast	0.5.3
babel	2.11.0	cryptography	42.0.5	gdal	3.8.1
backcall	0.2.0	cuda-toolkit	11.8.0	geomet	1.0.0
beautifulsoup4	4.12.2	cuda-nn	8.7.0.84	geos	3.12.1
black	23.10.1	cycler	0.11.0	getopt-win32	0.1
blas	1.0	cymem	2.0.6	gflags	2.2.2
bleach	4.1.0	cython	3.0.8	gflib	5.2.1
blinker	1.6.2	cython-blis	0.7.9	glib	2.78.4
blosc	1.21.3	cytoolz	0.12.2	glib-tools	2.78.4
blosc2	2.6.2	dask	2023.3.2	google-auth	2.22.0
bokeh	3.3.4	dask-core	2023.3.2	google-auth-oauthlib	0.5.2
boost	1.82.0	dask-glm	0.2.0	google-pasta	0.2.0
boto3	1.24.28	dask-ml	2023.3.24	graphite2	1.3.14
botocore	1.27.59	datasets	2.16.1	graphviz	8.1.0
bottleneck	1.3.7	dav1d	1.2.1	greenlet	3.0.1
brotli	1.0.9	debugpy	1.6.7	grpcio	1.46.3
brotli-bin	1.0.9	decorator	5.1.1	gts	0.7.6
brotli-python	1.0.9	defusedxml	0.7.1	h3-py	3.7.6
bzip2	1.0.8	descartes	1.1.0	h5netcdf	1.2.0
c-ares	1.19.1	detreg	1.0.0	h5py	3.9.0
cachetools	4.2.2	dill	0.3.7	harfbuzz	4.3.0

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holoviews	1.18.3	keras	2.13.1	lz4-c	1.9.4
html5lib	1.1	keyring	24.3.0	mako	1.2.3
huggingface_hub	0.20.3	kiwisolver	1.4.4	markdown	3.4.1
icc_rt	2022.2.1	krb5	1.21.2	markdown-it-py	2.2.0
icu	68.1	langcodes	3.3.0	markupsafe	2.1.3
idna	3.4	laspy	1.7.1	matplotlib	3.6.3
imagecodecs	2023.1.23	lazy_loader	0.3	matplotlib-base	3.6.3
imageio	2.33.1	lcms2	2.12	matplotlib-inline	0.1.6
imgaug	0.4.0	lerc	3.0	mccabe	0.7.0
importlib-metadata	7.0.1	libabseil	20230125.3	mdit-py-plugins	0.3.0
importlib_metadata	7.0.1	libaec	1.0.4	mdurl	0.1.0
iniconfig	1.1.1	libavif	0.11.1	minikanren	1.0.3
inplace-abn	1.1.0	libboost	1.82.0	mistune	2.0.4
intel-cmplr-lib-rt	2022.2.1	libbrotlicommon	1.0.9	mkl	2022.2.1
intel-fortran-rt	2022.2.1	libbrotlidec	1.0.9	mkl-service	2.4.0
intel-openmp	2022.2.1	libbrotlienc	1.0.9	mkl_fft	1.3.1
ipykernel	6.16.0	libclang	14.0.6	mkl_random	1.2.2
ipyml	0.9.3	libclang13	14.0.6	mljar-supervised	0.11.2
ipython	7.34.0	libcurl	8.6.0	mmcv	2.0.1
ipython_genutils	0.2.0	libdeflate	1.17	mmdet	3.1.0
ipywidgets	7.7.2	libffi	3.4.4	mmdet3d	1.2.0
isodate	0.6.0	libgd	2.3.3	mmengine	0.8.5
jdcal	1.4.1	libglib	2.78.4	mmsegmentation	1.1.2
jedi	0.18.2	libiconv	1.16	motmetrics	1.1.3
jinja2	3.1.3	libnghttp2	1.59.0	mpmath	1.3.0
jmespath	1.0.1	libopencv	4.8.1	msgpack-python	1.0.3
joblib	1.2.0	libpng	1.6.42	msrest	0.6.21
jpeg	9e	libprotobuf	3.21.12	multidict	6.0.4
json5	0.9.14	libsodium	1.0.18	multiplerdispatch	0.6.0
jsonschema	4.19.2	libspatialindex	1.9.3	multiprocess	0.70.15
jsonschema-specifications	2023.7.1	libthrift	0.19.0	munch	2.5.0
jupyter_client	6.1.12	libtiff	4.6.0	munkres	1.1.4
jupyter_console	6.4.2	libutf8proc	2.8.0	murmurhash	1.0.7
jupyter_contrib_core	0.4.0	libuv	1.40.0	mypy_extensions	1.0.0
jupyter_contrib_nbextensions	0.6.0	libwebp	1.3.2	nbclassic	0.4.8
jupyter_core	4.11.2	libwebp-base	1.3.2	nbclient	0.7.0
jupyter_highlight_selected_word	0.2.0	libxgboost	1.7.3	nbconvert	7.2.1
jupyter_latex_envs	1.4.6	libxml2	2.12.5	nbformat	5.6.1
jupyter_nbextensions_configurator	0.4.1	libxslt	1.1.39	ndindex	1.8
jupyter_server	1.21.0	libzopfli	1.0.3	nest-asyncio	1.6.0
jupyterlab	3.4.8	lightgbm	4.1.0	netcdf4	1.6.4
jupyterlab_pygments	0.2.2	linkify-it-py	2.0.0	networkx	3.1
jupyterlab_server	2.16.0	llvmlite	0.42.0	neural-structured-learning	1.4.0
jupyterlab_widgets	3.0.3	loket	1.0.0	nlohmann_json	3.11.2
		logical-unification	0.4.6	nose	1.3.7
		lxml	5.1.0	notebook	6.4.12
		lz4	4.3.2		

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Library Name	Version	Library Name	Version	Library Name	Version
notebook-shim	0.1.0	proj4	9.3.1	python-gssapi	1.8.3
ntlm-auth	1.4.0	prometheus_client	0.8.0	python-sounddevice	0.4.4
numba	0.59.0	prompt-toolkit	3.0.42	python-xxhash	2.0.2
numexpr	2.8.4	prompt_toolkit	3.0.42	pytorch	2.0.1
numpy	1.24.3	protobuf	4.21.12	pytz	2022.6
numpy-base	1.24.3	psutil	5.9.0	pyviz_comms	2.0.2
nuscenes-devkit	1.1.3	ptyprocess	0.7.0	pywin32-ctypes	0.2.0
nvdi-a-ml-py3	7.352.0	pure_eval	0.2.2	pywin32-security	306
oauthlib	3.2.2	puremagic	1.15	pywinpty	2.0.10
olefile	0.46	py-boost	1.82.0	pyyaml	6.0.1
onnx	1.13.1	py-cpuinfo	9.0.0	pyzmq	25.0.2
onnx-tf	1.9.0	py-opencv	4.8.1	rasterio	1.3.9
opencv	4.8.1	py-xgboost	1.7.3	rasterstats	0.19.0
openjpeg	2.5.0	pyarrow	15.0.0	re2	2023.06.02
openpyxl	3.0.10	pyasn1	0.4.8	referencing	0.30.2
openssl	3.0.13	pyasn1-modules	0.2.8	regex	2023.10.3
opt-einsum	3.3.0	pybind11	2.10.4	requests	2.31.0
optuna	3.0.4	pybind11_json	0.2.13	requests-gssapi	1.2.3
orc	1.8.3	pycocotools	2.0.7	requests-kerberos	0.14.0
packaging	23.2	pycodestyle	2.11.1	requests-oauthlib	1.3.0
pandas	2.0.2	pycparser	2.21	requests-toolbelt	1.0.0
pandocfilters	1.5.0	pydantic	2.4.2	rich	13.3.5
panel	1.3.8	pydantic-core	2.10.1	rise	5.7.1
pango	1.50.7	pyflakes	3.2.0	rpds-py	0.10.6
papermill	2.3.4	pygments	2.17.2	rsa	4.7.2
param	2.1.0	pyjwt	2.4.0	rtree	1.0.1
parso	0.8.3	pylerc	4.0	ruamel.yaml	0.17.21
partd	1.4.1	pymc	5.6.1	s3transfer	0.6.0
pathspec	0.9.0	pyodbc	5.0.1	safetensors	0.4.2
pathy	0.10.3	pyopenssl	24.0.0	saspy	4.3.2
patsy	0.5.3	pyparsing	3.0.9	scikit-image	0.22.0
pbr	5.6.0	pypdf	3.15.0	scikit-learn	1.3.0
pcre2	10.42	pypdf2	1.26.0	scikit-plot	0.3.7
pefile	2022.5.30	pyperclip	1.8.2	scipy	1.9.3
pexpect	4.8.0	pyproj	3.6.1	seaborn	0.12.2
pickleshare	0.7.5	pyquaternion	0.9.9	send2trash	1.8.2
pillow	10.2.0	pyshp	2.3.1	sentencepiece	0.1.99
pip	23.3.2	pysocks	1.7.1	setuptools	68.2.2
pixman	0.42.2	pyspnego	0.9.2	shap	0.42.1
platformdirs	3.10.0	pytensor	2.12.3	shapely	2.0.1
plotly	5.20.0	pytest	7.4.3	shellingham	1.5.0
pluggy	1.0.0	python	3.11.8	simplejson	3.17.6
portaudio	19.6.0	python-dateutil	2.8.2	six	1.16.0
prshed	3.0.6	python-fastjsonschema	2.16.2	slicer	0.0.7
prettytable	2.1.0	python-flatbuffers	23.5.26	smart_open	5.2.1
pro_notebook_integration	3.3	python-graphviz	0.20.1	snappy	1.1.10
				sniffio	1.3.0

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Library Name	Version	Library Name	Version	Library Name	Version
snuggs	1.4.7	torch-cluster	1.6.3	xyzservices	2022.9.0
sortedcontainers	2.4.0	torch-geometric	2.4.0	xz	5.4.6
soupsieve	2.5	torch-scatter	2.1.2	yaml	0.2.5
spacy	3.7.2	torch-sparse	0.6.18	yapf	0.40.2
spacy-legacy	3.0.12	torch-spline-conv	1.2.2	yarl	1.9.3
spacy-loggers	1.0.4	torchvision	0.15.2	zeromq	4.3.5
sqlalchemy	1.4.51	tornado	6.3.3	zfp	1.0.0
sqlite	3.45.1	tqdm	4.65.0	zict	3.0.0
srsly	2.4.8	traitlets	5.5.0	zipp	3.17.0
stack_data	0.5.1	transformers	4.36.2	zlib	1.3.1
statsmodels	0.14.0	trimesh	2.35.39	zlib-ng	2.1.6
stevedore	5.1.0	truststore	0.7.0	zstd	1.5.5
swat	1.13.3	typeguard	2.13.0		
sympy	1.12	typer	0.9.0		
tables	3.9.2	typing	3.10.0.0		
tabulate	0.9.0	typing-extensions	4.9.0		
tbb	2021.8.0	typing_extensions	4.9.0		
tblib	1.7.0	tzdata	2024a		
tenacity	8.2.2	uc-micro-py	1.0.1		
tensorboard	2.13.0	ujson	5.4.0		
tensorboard-data-server	0.7.0	urllib3	1.26.18		
tensorboard-plugin-wit	1.6.0	vc	14.2		
tensorboardx	2.6.2.2	vs2015_runtime	14.27.29016		
tensorflow	2.13.0	wasabi	0.9.1		
tensorflow-addons	0.22.0	wcwidth	0.2.5		
tensorflow-estimator	2.13.0	weasel	0.3.4		
tensorflow-hub	0.16.1	webencodings	0.5.1		
tensorflow-io-gcs-filesystem	0.31.0	websocket-client	0.58.0		
tensorflow-model-optimization	0.7.5	werkzeug	2.3.8		
termcolor	2.1.0	wheel	0.41.2		
terminado	0.17.1	widetsnbextension	3.6.1		
terminaltables	3.1.0	win_inet_pton	1.1.0		
testpath	0.5.0	winkerberos	0.9.1		
textwrap3	0.9.2	wintpy	0.4.3		
tflite-model-maker	0.3.4	wordcloud	1.9.2		
tflite-support	0.4.4	wrapt	1.14.1		
thinc	8.2.2	xarray	2023.6.0		
threadpoolctl	2.2.0	xarray-einstats	0.6.0		
tifffile	2023.4.12	xeus	3.0.5		
timm	0.4.12	xeus-python	0.15.8		
tinycss2	1.1.1	xeus-zmq	1.0.2		
tokenizers	0.15.0	xgboost	1.7.3		
toml	0.10.2	xlrd	2.0.1		
tomli	2.0.1	xlwt	1.3.0		
toolz	0.12.0	xmltodict	0.13.0		
		xtl	0.7.5		
		xxhash	0.8.0		

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RELEASED

May 2024

TOTAL PACKAGES

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SUPPORTED IN

ArcGIS Enterprise 11.3

The use of the Advanced and/or Advanced with GPU runtime consumes credits within ArcGIS Online. See ArcGIS Online [credits by capability](#) for more details.

In ArcGIS Enterprise, you can customize your notebook environment. Learn more—read [Extend a Notebook Runtime](#).

Library Name	Version	Library Name	Version	Library Name	Version
_py-xgboost-mutex	2.0	cairo	1.16.0	distributed	2023.3.2
absl-py	1.4.0	catalogue	2.0.10	dm-tree	0.1.7
addict	2.4.0	catboost	1.2.3	dpcpp-cpp-rt	2022.2.1
affine	2.3.0	category_encoders	2.2.2	dtreeviz	1.3.7
aiohttp	3.9.3	certifi	2024.2.2	einops	0.7.0
aiosignal	1.2.0	cffi	1.16.0	ensemble-boxes	1.0.8
alumentations	1.0.3	cfitsio	3.470	entrypoints	0.4
alembic	1.8.1	cftime	1.6.3	et_xmlfile	1.1.0
altair	5.0.1	chardet	4.0.0	etuples	0.3.9
annotated-types	0.6.0	charls	2.2.0	executing	0.8.3
ansiwrap	0.8.4	charset-normalizer	2.0.4	expat	2.6.0
anyio	4.2.0	click	8.1.7	fairlearn	0.8.0
aom	3.6.0	click-plugins	1.1.1	fastai	1.0.63
appdirs	1.4.4	cliff	3.8.0	fastprogress	0.2.3
arcgis	2.3.0	cligj	0.7.2	fasttext	0.9.2
arcgispro	3.3	cloudpathlib	0.16.0	filelock	3.13.1
arcpy	3.3	cloudpickle	2.2.1	fiona	1.9.5
arcpy-base	3.3	cmaes	0.8.2	fire	0.4.0
argon2-cffi	21.3.0	cmd2	2.4.3	flake8	7.0.0
argon2-cffi-bindings	21.2.0	colorama	0.4.6	fontconfig	2.14.1
arrow-cpp	15.0.0	colorcet	3.1.0	fonttools	4.25.0
arviz	0.17.1	colorlog	5.0.1	freetype	2.13.2
asttokens	2.0.5	colour	0.1.5	fribidi	1.0.10
astunparse	1.6.3	confection	0.1.4	frozenlist	1.4.0
attrs	23.1.0	cons	0.4.6	fsspec	2023.10.0
azure-core	1.12.0	contourpy	1.2.0	future	0.18.3
azure-storage-blob	12.8.0	cppzmq	4.9.0	gast	0.5.3
babel	2.11.0	cryptography	42.0.5	gdal	3.8.1
backcall	0.2.0	cuda-toolkit	11.8.0	geomet	1.0.0
beautifulsoup4	4.12.2	cuda-nn	8.7.0.84	geos	3.12.1
black	23.10.1	cycler	0.11.0	getopt-win32	0.1
blas	1.0	cymem	2.0.6	gflags	2.2.2
bleach	4.1.0	cython	3.0.8	gflib	5.2.1
blinker	1.6.2	cython-blis	0.7.9	glib	2.78.4
blosc	1.21.3	cytoolz	0.12.2	glib-tools	2.78.4
blosc2	2.6.2	dask	2023.3.2	google-auth	2.22.0
bokeh	3.3.4	dask-core	2023.3.2	google-auth-oauthlib	0.5.2
boost	1.82.0	dask-glm	0.2.0	google-pasta	0.2.0
boto3	1.24.28	dask-ml	2023.3.24	graphite2	1.3.14
botocore	1.27.59	datasets	2.16.1	graphviz	8.1.0
bottleneck	1.3.7	dav1d	1.2.1	greenlet	3.0.1
brotili	1.0.9	debugpy	1.6.7	grpcio	1.46.3
brotili-bin	1.0.9	decorator	5.1.1	gts	0.7.6
brotili-python	1.0.9	defusedxml	0.7.1	h3-py	3.7.6
bzip2	1.0.8	descartes	1.1.0	h5netcdf	1.2.0
c-ares	1.19.1	detreg	1.0.0	h5py	3.9.0
cachetools	4.2.2	dill	0.3.7	harfbuzz	4.3.0

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holoviews	1.18.3	keras	2.13.1	lz4-c	1.9.4
html5lib	1.1	keyring	24.3.0	mako	1.2.3
huggingface_hub	0.20.3	kiwisolver	1.4.4	markdown	3.4.1
icc_rt	2022.2.1	krb5	1.21.2	markdown-it-py	2.2.0
icu	68.1	langcodes	3.3.0	markupsafe	2.1.3
idna	3.4	laspy	1.7.1	matplotlib	3.6.3
imagecodecs	2023.1.23	lazy_loader	0.3	matplotlib-base	3.6.3
imageio	2.33.1	lcms2	2.12	matplotlib-inline	0.1.6
imgaug	0.4.0	lerc	3.0	mccabe	0.7.0
importlib-metadata	7.0.1	libabseil	20230125.3	mdit-py-plugins	0.3.0
importlib_metadata	7.0.1	libaec	1.0.4	mdurl	0.1.0
iniconfig	1.1.1	libavif	0.11.1	minikanren	1.0.3
inplace-abn	1.1.0	libboost	1.82.0	mistune	2.0.4
intel-cmplr-lib-rt	2022.2.1	libbrotlicommon	1.0.9	mkl	2022.2.1
intel-fortran-rt	2022.2.1	libbrotlidec	1.0.9	mkl-service	2.4.0
intel-openmp	2022.2.1	libbrotlienc	1.0.9	mkl_fft	1.3.1
ipykernel	6.16.0	libclang	14.0.6	mkl_random	1.2.2
ipyml	0.9.3	libclang13	14.0.6	mljar-supervised	0.11.2
ipython	7.34.0	libcurl	8.6.0	mmcv	2.0.1
ipython_genutils	0.2.0	libdeflate	1.17	mmdet	3.1.0
ipywidgets	7.7.2	libffi	3.4.4	mmdet3d	1.2.0
isodate	0.6.0	libgd	2.3.3	mmengine	0.8.5
jdcal	1.4.1	libglib	2.78.4	mmsegmentation	1.1.2
jedi	0.18.2	libiconv	1.16	motmetrics	1.1.3
jinja2	3.1.3	libnghttp2	1.59.0	mpmath	1.3.0
jmespath	1.0.1	libopencv	4.8.1	msgpack-python	1.0.3
joblib	1.2.0	libpng	1.6.42	msrest	0.6.21
jpeg	9e	libprotobuf	3.21.12	multidict	6.0.4
json5	0.9.14	libsodium	1.0.18	multiplerdispatch	0.6.0
jsonschema	4.19.2	libspatialindex	1.9.3	multiprocess	0.70.15
jsonschema-specifications	2023.7.1	libthrift	0.19.0	munch	2.5.0
jupyter_client	6.1.12	libtiff	4.6.0	munkres	1.1.4
jupyter_console	6.4.2	libutf8proc	2.8.0	murmurhash	1.0.7
jupyter_contrib_core	0.4.0	libuv	1.40.0	mypy_extensions	1.0.0
jupyter_contrib_nbextensions	0.6.0	libwebp	1.3.2	nbclassic	0.4.8
jupyter_core	4.11.2	libwebp-base	1.3.2	nbclient	0.7.0
jupyter_highlight_selected_word	0.2.0	libxgboost	1.7.3	nbconvert	7.2.1
jupyter_latex_envs	1.4.6	libxml2	2.12.5	nbformat	5.6.1
jupyter_nbextensions_configurator	0.4.1	libxslt	1.1.39	ndindex	1.8
jupyter_server	1.21.0	libzopfli	1.0.3	nest-asyncio	1.6.0
jupyterlab	3.4.8	lightgbm	4.1.0	netcdf4	1.6.4
jupyterlab_pygments	0.2.2	linkify-it-py	2.0.0	networkx	3.1
jupyterlab_server	2.16.0	llvmlite	0.42.0	neural-structured-learning	1.4.0
jupyterlab_widgets	3.0.3	loket	1.0.0	nlohmann_json	3.11.2
		logical-unification	0.4.6	nose	1.3.7
		lxml	5.1.0	notebook	6.4.12
		lz4	4.3.2		

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notebook-shim	0.1.0	proj4	9.3.1	python-sounddevice	0.4.4
ntlm-auth	1.4.0	prometheus_client	0.8.0	python-xxhash	2.0.2
numba	0.59.0	prompt-toolkit	3.0.42	pytorch	2.0.1
numexpr	2.8.4	prompt_toolkit	3.0.42	pytz	2022.6
numpy	1.24.3	protobuf	4.21.12	pyviz_comms	2.0.2
numpy-base	1.24.3	psutil	5.9.0	pywin32-ctypes	0.2.0
nuscenes-devkit	1.1.3	ptyprocess	0.7.0	pywin32-security	306
nvidia-ml-py3	7.352.0	pure_eval	0.2.2	pywinpty	2.0.10
oauthlib	3.2.2	puremagic	1.15	pyyaml	6.0.1
olefile	0.46	py-boost	1.82.0	pyzmq	25.0.2
onnx	1.13.1	py-cpuinfo	9.0.0	rasterio	1.3.9
onnx-tf	1.9.0	py-opencv	4.8.1	rasterstats	0.19.0
opencv	4.8.1	py-xgboost	1.7.3	re2	2023.06.02
openjpeg	2.5.0	pyarrow	15.0.0	referencing	0.30.2
openpyxl	3.0.10	pyasn1	0.4.8	regex	2023.10.3
openssl	3.0.13	pyasn1-modules	0.2.8	requests	2.31.0
opt-einsum	3.3.0	pybind11	2.10.4	requests-gssapi	1.2.3
optuna	3.0.4	pybind11_json	0.2.13	requests-kerberos	0.14.0
orc	1.8.3	pycocotools	2.0.7	requests-oauthlib	1.3.0
packaging	23.2	pycodestyle	2.11.1	requests-toolbelt	1.0.0
pandas	2.0.2	pyparser	2.21	rich	13.3.5
pandocfilters	1.5.0	pydantic	2.4.2	rise	5.7.1
panel	1.3.8	pydantic-core	2.10.1	rpds-py	0.10.6
pango	1.50.7	pyflakes	3.2.0	rsa	4.7.2
papermill	2.3.4	pygments	2.17.2	rtree	1.0.1
param	2.1.0	pyjwt	2.4.0	ruamel.yaml	0.17.21
parso	0.8.3	pylerc	4.0	s3transfer	0.6.0
partd	1.4.1	pymc	5.6.1	safetensors	0.4.2
pathspec	0.9.0	pyodbc	5.0.1	saspy	4.3.2
pathy	0.10.3	pyopenssl	24.0.0	scikit-image	0.22.0
patsy	0.5.3	pyparsing	3.0.9	scikit-learn	1.3.0
pbr	5.6.0	pypdf	3.15.0	scikit-plot	0.3.7
pcre2	10.42	pypdf2	1.26.0	scipy	1.9.3
pefile	2022.5.30	pyperclip	1.8.2	seaborn	0.12.2
pexpect	4.8.0	pyproj	3.6.1	send2trash	1.8.2
pickleshare	0.7.5	pyquaternion	0.9.9	sentencepiece	0.1.99
pillow	10.2.0	pyshp	2.3.1	setuptools	68.2.2
pip	23.3.2	pysocks	1.7.1	shap	0.42.1
pixman	0.42.2	pypnego	0.9.2	shapely	2.0.1
platformdirs	3.10.0	pytensor	2.12.3	shellingham	1.5.0
plotly	5.20.0	pytest	7.4.3	simplejson	3.17.6
pluggy	1.0.0	python	3.11.8	six	1.16.0
portaudio	19.6.0	python-dateutil	2.8.2	slicer	0.0.7
prshed	3.0.6	python-fastjsonschema	2.16.2	smart_open	5.2.1
prettytable	2.1.0	python-flatbuffers	23.5.26	snappy	1.1.10
pro_notebook_integration	3.3	python-graphviz	0.20.1	sniffio	1.3.0
		python-gssapi	1.8.3	snuggs	1.4.7

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ArcGIS Notebooks Runtime

Python 3 Advanced (Windows Containers) | Version 10.0

Library Name	Version	Library Name	Version	Library Name	Version
sortedcontainers	2.4.0	torch-geometric	2.4.0	xz	5.4.6
soupsieve	2.5	torch-scatter	2.1.2	yaml	0.2.5
spacy	3.7.2	torch-sparse	0.6.18	yapf	0.40.2
spacy-legacy	3.0.12	torch-spline-conv	1.2.2	yarl	1.9.3
spacy-loggers	1.0.4	torchvision	0.15.2	zeromq	4.3.5
sqlalchemy	1.4.51	tornado	6.3.3	zfp	1.0.0
sqlite	3.45.1	tqdm	4.65.0	zict	3.0.0
srsly	2.4.8	traitlets	5.5.0	zipp	3.17.0
stack_data	0.5.1	transformers	4.36.2	zlib	1.3.1
statsmodels	0.14.0	trimesh	2.35.39	zlib-ng	2.1.6
stevedore	5.1.0	truststore	0.7.0	zstd	1.5.5
swat	1.13.3	typeguard	2.13.0		
sympy	1.12	typer	0.9.0		
tables	3.9.2	typing	3.10.0.0		
tabulate	0.9.0	typing-extensions	4.9.0		
tbb	2021.8.0	typing_extensions	4.9.0		
tblib	1.7.0	tzdata	2024a		
tenacity	8.2.2	uc-micro-py	1.0.1		
tensorboard	2.13.0	ujson	5.4.0		
tensorboard-data-server	0.7.0	urllib3	1.26.18		
tensorboard-plugin-wit	1.6.0	vc	14.2		
tensorboardx	2.6.2.2	vs2015_runtime	14.27.29016		
tensorflow	2.13.0	wasabi	0.9.1		
tensorflow-addons	0.22.0	wcwidth	0.2.5		
tensorflow-estimator	2.13.0	weasel	0.3.4		
tensorflow-hub	0.16.1	webencodings	0.5.1		
tensorflow-io-gcs-filesystem	0.31.0	websocket-client	0.58.0		
tensorflow-model-optimization	0.7.5	werkzeug	2.3.8		
termcolor	2.1.0	wheel	0.41.2		
terminado	0.17.1	widetsnbextension	3.6.1		
terminaltables	3.1.0	win_inet_pton	1.1.0		
testpath	0.5.0	winkerberos	0.9.1		
textwrap3	0.9.2	winpty	0.4.3		
tflite-model-maker	0.3.4	wordcloud	1.9.2		
tflite-support	0.4.4	wrapt	1.14.1		
thinc	8.2.2	xarray	2023.6.0		
threadpoolctl	2.2.0	xarray-einstats	0.6.0		
tifffile	2023.4.12	xeus	3.0.5		
timm	0.4.12	xeus-python	0.15.8		
tinycss2	1.1.1	xeus-zmq	1.0.2		
tokenizers	0.15.0	xgboost	1.7.3		
toml	0.10.2	xlrd	2.0.1		
tomli	2.0.1	xlwt	1.3.0		
toolz	0.12.0	xmltodict	0.13.0		
torch-cluster	1.6.3	xtl	0.7.5		
		xxhash	0.8.0		
		xyzservices	2022.9.0		

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