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9.0

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 9.0. 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 9.0

RELEASED

October 2023

TOTAL PACKAGES

538

SUPPORTED IN

ArcGIS Enterprise 11.2 and the October 2023 release 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	cfi	1.15.1	etuples	0.3.9
_openmp_mutex	5.1	cfitsio	3.470	exceptiongroup	1.0.4
_py-xgboost-mutex	2.0	cftime	1.6.2	executing	0.8.3
_tflow_select	2.7.0	charls	2.2.0	expat	2.5.0
abseil-cpp	20211102.0	charset-normalizer	2.0.4	fairlearn	0.8.0
absl-py	1.4.0	click	8.0.4	fastai	1.0.63
addict	2.4.0	click-plugins	1.1.1	fastprogress	0.2.3
affine	2.3.0	cliff	3.8.0	fasttext	0.9.2
aiohttp	3.8.5	cligj	0.7.2	ffmpeg	4.0
aiosignal	1.2.0	cloudpickle	2.2.1	filelock	3.9.0
albumations	1.0.3	cmaes	0.8.2	fiona	1.8.21
alembic	1.8.1	cmd2	2.1.1	fire	0.4.0
altair	4.1.0	colorama	0.4.6	fnt	9.1.0
ansiwrap	0.8.4	colorcet	3.0.1	font-ttf-dejavu-sans-mono	2.37
anyio	3.5.0	colorlog	5.0.1	font-ttf-inconsolata	2.001
aom	3.6.0	colour	0.1.5	font-ttf-source-code-pro	2.030
arcgis	2.2.0.1	comm	0.1.2	font-ttf-ubuntu	0.83
argon2-cffi	21.3.0	conda	23.7.2	fontconfig	2.14.1
argon2-cffi-bindings	21.2.0	conda-content-trust	0.2.0	fonts-anaconda	1
arviz	0.16.0	conda-libmamba-solver	23.7.0	fonts-conda-ecosystem	1
astor	0.8.1	conda-package-handling	2.2.0	fonttools	4.25.0
asttokens	2.0.5	conda-package-streaming	0.9.0	freelut	3.0.0
astunparse	1.6.3	cons	0.4.6	freetype	2.12.1
async-timeout	4.0.2	contourpy	1.0.5	freexl	1.0.6
atk-1.0	2.36.0	cryptography	41.0.3	fribidi	1.0.10
attrs	23.1.0	cuda-toolkit	11.1.1	frozenlist	1.3.3
azure-core	1.12.0	cuda-nn	8.1.0.77	fsspec	2023.9.2
azure-storage-blob	12.8.0	curl	8.2.1	gast	0.5.3
backcall	0.2.0	cycler	0.11.0	gdal	3.4.1
beautifulsoup4	4.12.2	cymem	2.0.6	gdk-pixbuf	2.42.10
black	23.3.0	cython	0.29.33	geommet	1.0.0
blas	1.0	cython-bis	0.4.1	geos	3.8.0
bleach	4.1.0	cytoolz	0.12.0	geotiff	1.7.0
blinker	1.4	dask	2023.3.2	giflib	5.2.1
blosc	1.21.3	dask-core	2023.3.2	glib	2.69.1
bokeh	2.4.3	dask-glm	0.2.0	gmp	6.2.1
boltons	23.0.0	dask-ml	2023.3.24	gmpy2	2.1.2
boost	1.79.0	dataclasses	0.8	gobject-introspection	1.72.0
boto3	1.24.28	dav1d	1.2.1	google-auth	2.22.0
botocore	1.27.59	dbus	1.13.18	google-auth-oauthlib	0.4.1
bottleneck	1.3.5	debugpy	1.6.7	google-pasta	0.2.0
brotli	1.0.9	decorator	5.1.1	googledownload	0.4
brotli-bin	1.0.9	defusedxml	0.7.1	graphite2	1.3.14
brotlipy	0.7.0	descartes	1.1.0	graphviz	2.50.0
brunli	0.1	dill	0.3.6	greenlet	2.0.1
bzip2	1.0.8	distributed	2023.3.2	grpc-cpp	1.48.2
c-ares	1.19.1	dm-tree	0.1.7	grpcio	1.48.2
ca-certificates	2023.08.22	dtreeviz	1.3.7	gtk2	2.24.33
cachetools	4.2.2	einops	0.3.2	gts	0.7.6
cairo	1.16.0	ensemble-boxes	1.0.8	h3-py	3.7.3
catalogue	1.0.0	entrypoints	0.4	h5netcdf	1.2.0
catboost	0.26	et_xmlfile	1.1.0	h5py	3.7.0
category_encoders	2.2.2				
certifi	2023.7.22				

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Library Name	Version	Library Name	Version	Library Name	Version
harfbuzz	4.3.0	krb5	1.20.1	libzopfli	1.0.3
hdf4	4.2.13	laspy	1.7.0	lightgbm	3.3.5
hdf5	1.10.6	lcms2	2.12	llvmlite	0.40.0
holoviews	1.17.1	ld_impl_linux-64	2.38	locket	1.0.0
html5lib	1.1	lerc	3.0	logical-unification	0.4.6
huggingface_hub	0.10.1	libaec	1.0.4	lxml	4.9.3
icu	58.2	libarchive	3.6.2	lz4	4.3.2
idna	3.4	libavif	0.11.1	lz4-c	1.9.4
imagecodecs	2023.1.23	libboost	1.79.0	lzo	2.10
imageio	2.31.4	libbrotlicommon	1.0.9	mako	1.2.3
imgaug	0.4.0	libbrotlidec	1.0.9	markdown	3.4.1
importlib-metadata	6.0.0	libbrotlienc	1.0.9	markdown-it-py	2.2.0
importlib_metadata	6.0.0	libcurl	8.2.1	markupsafe	2.1.1
iniconfig	1.1.1	libdap4	3.19.1	matplotlib	3.6.0
inplace-abn	1.1.0	libdeflate	1.17	matplotlib-base	3.6.0
intel-openmp	2023.1.0	libedit	3.1.20221030	matplotlib-inline	0.1.6
ipykernel	6.19.2	libev	4.33	mdurl	0.1.0
ipyml	0.8.7	libffi	3.4.4	minikanren	1.0.3
ipython	7.34.0	libgcc-ng	11.2.0	mistune	2.0.4
ipython_genutils	0.2.0	libgd	2.3.3	mkl	2023.1.0
ipywidgets	7.7.2	libgdal	3.4.1	mkl-service	2.4.0
isodate	0.6.0	libgfortran-ng	11.2.0	mkl_fft	1.3.8
jaraco.classes	3.2.1	libgfortran5	11.2.0	mkl_random	1.2.4
jasper	2.0.14	libglu	9.0.0	mljar-supervised	0.11.2
jedi	0.18.2	libgomp	11.2.0	mmcls	0.25.0
jeepney	0.7.1	libllvm14	14.0.6	mmcv-full	1.6.0
jinja2	3.1.2	libmamba	1.5.1	mmdet	2.27.0
jmespath	0.10.0	libmambapy	1.5.1	mmdet3d	1.0.0rc5
joblib	1.2.0	libnetcdf	4.8.1	mmengine	0.7.3
jpeg	9e	libnghttp2	1.52.0	mmsegmentation	0.30.0
json-c	0.16	libopencv	4.5.2	mock	4.0.3
jsonpatch	1.32	libopus	1.3.1	more-itertools	8.12.0
jsonpointer	2.1	libpng	1.6.39	motmetrics	1.1.3
jsonschema	4.17.3	libpq	12.15	mpc	1.1.0
jupyter_client	6.1.12	libprotobuf	3.20.3	mpfr	4.0.2
jupyter_contrib_core	0.4.0	librsvg	2.54.4	mpmath	1.3.0
jupyter_contrib_nbextensions	0.5.1	libsodium	1.0.18	msgpack-python	1.0.3
jupyter_core	4.11.2	libsolv	0.7.24	msrest	0.6.21
jupyter_highlight_selected_word	0.2.0	libspatialindex	1.9.3	multi-scale-deformable-attention	1.0.0
jupyter_latex_envs	1.4.6	libspatialite	4.3.0a	multidict	6.0.2
jupyter_nbextensions_configurator	0.4.1	libssh2	1.10.0	multipledispatch	0.6.0
jupyter_server	1.21.0	libstdcxx-ng	11.2.0	munch	2.5.0
jupyterlab_pygments	0.2.2	libtiff	4.5.1	munkres	1.1.4
jupyterlab_widgets	3.0.3	libtool	2.4.6	murmurhash	1.0.7
jxrlib	1.1	libuuid	1.41.5	mypy_extensions	1.0.0
kealib	1.5.0	libuv	1.44.2	nb_conda_kernels	2.3.1
keepalive	0.5	libvpx	1.7.0	nbclassic	0.5.5
keras-base	2.7.0	libwebp	1.3.2	nbclient	0.7.0
keras-gpu	2.7.0	libwebp-base	1.3.2	nbconvert	7.2.1
keras-preprocessing	1.1.2	libxcb	1.15	nbformat	5.6.1
keyring	23.13.1	libxgboost	1.5.0	ncurses	6.4
kiwisolver	1.4.4	libxml2	2.10.4	nest-asyncio	1.5.6
		libxslt	1.1.37	netcdf4	1.6.2
		libzip	1.8.0		

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Library Name	Version	Library Name	Version	Library Name	Version
networkx	3.1	ptyprocess	0.7.0	requests-gssapi	1.2.3
neural-structured-learning	1.4.0	pure_eval	0.2.2	requests-kerberos	0.12.0
ninja	1.10.2	py-boost	1.79.0	requests-oauthlib	1.3.0
ninja-base	1.10.2	py-opencv	4.5.2	requests-toolbelt	1.0.0
notebook	6.5.4	py-xgboost	1.5.0	rich	13.3.5
notebook-shim	0.1.0	pyasn1	0.4.8	rise	5.7.1
numba	0.57.1	pyasn1-modules	0.2.8	rsa	4.7.2
numexpr	2.8.4	pybind11	2.10.4	rtree	0.9.4
numpy	1.22.3	pybind11-abi	4	ruamel.yaml	0.17.21
numpy-base	1.22.3	pybind11-global	2.10.4	ruamel.yaml.clib	0.2.6
nuscenes-devkit	1.1.3	pycocotools	2.0.2	s3transfer	0.6.0
nvidia-ml-py3	7.352.0	pycosat	0.6.4	sacremoses	0.0.43
oauthlib	3.2.2	pyparser	2.21	scikit-image	0.19.3
onnx	1.13.0	pyct	0.5.0	scikit-learn	1.2.2
onnx-tf	1.8.0	pygments	2.14.0	scikit-plot	0.3.7
opencv	4.5.2	pyjwt	2.4.0	scipy	1.9.3
openjpeg	2.4.0	pykerberos	1.2.1	seaborn	0.12.2
openpyxl	3.0.10	pylerc	3.0	secretstorage	3.3.1
openssl	3.0.11	pymc	5.6.1	send2trash	1.8.0
opt_einsum	3.3.0	pyodbc	4.0.34	sentencepiece	0.1.99
optuna	2.8.0	pyopenssl	23.2.0	setuptools	68.0.0
packaging	23.1	pyparsing	3.0.9	shap	0.39.0
pandas	2.0.2	pyperclip	1.8.2	shapely	2.0.1
pandocfilters	1.5.0	pyquaternion	0.9.9	simplejson	3.17.6
panel	0.14.3	pyrsistent	0.18.0	six	1.16.0
pango	1.50.7	pyshp	2.1.3	slicer	0.0.7
papermill	2.3.4	pysocks	1.7.1	snappy	1.1.9
param	1.13.0	pyspnego	0.8.0	sniffio	1.2.0
parso	0.8.3	pytables	3.7.0	snuggs	1.4.7
partd	1.4.0	pytensor	2.12.3	sortedcontainers	2.4.0
pathspec	0.9.0	pytest	7.4.0	soupsieve	2.4
patsy	0.5.3	python	3.9.18	spacy	2.2.4
pbr	5.6.0	python-dateutil	2.8.2	sparqlwrapper	1.8.5
pcre	8.45	python-fastjsonschema	2.16.2	sqlalchemy	1.4.39
pcre2	10.42	python-flatbuffers	1.12	sqlite	3.41.2
pexpect	4.8.0	python-graphviz	0.20.1	srsly	1.0.5
pickleshare	0.7.5	python-gssapi	1.8.1	stack_data	0.5.1
pillow	9.4.0	python-sounddevice	0.4.4	statsmodels	0.13.5
pip	23.2.1	python_abi	3.9	stevedore	3.3.0
pixman	0.40.0	pytorch	1.8.2	sympy	1.11.1
plac	1.1.0	pytz	2023.3.post1	tabulate	0.8.9
platformdirs	3.10.0	pyviz_comms	2.3.0	tbb	2021.8.0
plotly	5.15.0	pywavelets	1.4.1	tblib	1.7.0
pluggy	1.0.0	pyyaml	6.0	tenacity	8.2.2
portaudio	19.6.0	pyzmq	24.0.1	tensorboard	2.7.0
postgresql	12.15	rasterio	1.2.10	tensorboard-data-server	0.6.1
preshed	3.0.6	rasterstats	0.16.0	tensorboard-plugin-wit	1.8.1
prettytable	2.1.0	rdflib	5.0.0	tensorboardx	2.2
proj	6.2.1	re2	2022.04.01	tensorflow-addons	0.15.0
prometheus_client	0.8.0	readline	8.2	tensorflow-estimator	2.7.0
prompt_toolkit	3.0.5	regex	2022.7.9	tensorflow-gpu	2.7.0
protobuf	3.20.3	reproc	14.2.4	tensorflow-hub	0.12.0
psutil	5.9.0	reproc-cpp	14.2.4		
		requests	2.31.0		

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ArcGIS Notebooks Runtime

Python 3 Standard (Linux Containers) | Version 9.0

Library Name	Version	Library Name	Version
tensorflow-model-optimization	0.7.3	yapf	0.31.0
termcolor	2.1.0	yarl	1.8.1
terminado	0.17.1	zeromq	4.3.4
terminaltables	3.1.0	zfp	1.0.0
textwrap3	0.9.2	zict	3.0.0
tflite-model-maker	0.3.4	zipp	3.11.0
tflite-support	0.4.1	zlib	1.2.13
thinc	7.4.0	zstandard	0.19.0
threadpoolctl	2.2.0	zstd	1.5.5
tifffile	2023.4.12		
tiledb	2.3.3		
timm	0.4.12		
tinycss2	1.1.1		
tk	8.6.12		
tokenizers	0.10.1		
tomli	2.0.1		
toolz	0.12.0		
torch-cluster	1.5.9		
torch-geometric	1.7.2		
torch-scatter	2.0.7		
torch-sparse	0.6.10		
torch-spline-conv	1.2.1		
torchvision	0.9.2		
tornado	6.3.2		
tqdm	4.65.0		
traitlets	5.5.0		
transformers	4.14.1		
trimesh	2.35.39		
typeguard	2.13.0		
typing-extensions	4.7.1		
typing_extensions	4.7.1		
tzdata	2023c		
ujson	5.4.0		
unixodbc	2.3.11		
urllib3	1.26.16		
wasabi	0.9.1		
wcwidth	0.2.5		
webencodings	0.5.1		
websocket-client	0.58.0		
werkzeug	2.2.3		
wheel	0.41.2		
widgetsnbextension	3.6.1		
wordcloud	1.8.1		
wrapt	1.14.1		
xarray	2023.6.0		
xarray-einstats	0.6.0		
xerces-c	3.2.4		
xgboost	1.5.0		
xlrd	2.0.1		
xmltodict	0.12.0		
xz	5.4.2		
yaml	0.2.5		
yaml-cpp	0.7.0		

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ArcGIS Notebooks Runtime

Python 3 Advanced (Linux Containers) | Version 9.0

RELEASED

October 2023

TOTAL PACKAGES

544

SUPPORTED IN

ArcGIS Enterprise 11.2 and the October 2023 release 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	cfffi	1.15.1	exceptiongroup	1.0.4
_openmp_mutex	5.1	cfitsio	3.470	executing	0.8.3
_py-xgboost-mutex	2.0	cftime	1.6.2	expat	2.5.0
_tflow_select	2.7.0	charls	2.2.0	fairlearn	0.8.0
abseil-cpp	20211102.0	charset-normalizer	2.0.4	fastai	1.0.63
absl-py	1.4.0	click	8.0.4	fastprogress	0.2.3
addict	2.4.0	click-plugins	1.1.1	fasttext	0.9.2
affine	2.3.0	cliff	3.8.0	ffmpeg	4.0
aiohttp	3.8.5	cligj	0.7.2	filelock	3.9.0
aiosignal	1.2.0	cloudpickle	2.2.1	fiona	1.8.21
alumentations	1.0.3	cmaes	0.8.2	fire	0.4.0
alembic	1.8.1	cmd2	2.1.1	fnt	9.1.0
altair	4.1.0	colorama	0.4.6	font-ttf-dejavu-sans-mono	2.37
ansiwrap	0.8.4	colorcet	3.0.1	font-ttf-inconsolata	2.001
anyio	3.5.0	colorlog	5.0.1	font-ttf-source-code-pro	2.030
aom	3.6.0	colour	0.1.5	font-ttf-ubuntu	0.83
arcgis	2.2.0.1	comm	0.1.2	fontconfig	2.14.1
arcgis-server-py3	11.2.0	conda	23.7.2	fonts-anaconda	1
argon2-cffi	21.3.0	conda-content-trust	0.2.0	fonts-conda-ecosystem	1
argon2-cffi-bindings	21.2.0	conda-libmamba-solver	23.7.0	fonttools	4.25.0
arviz	0.16.0	conda-package-handling	2.2.0	freelut	3.0.0
astor	0.8.1	conda-package-streaming	0.9.0	freetype	2.12.1
asttokens	2.0.5	cons	0.4.6	freexl	1.0.6
astunparse	1.6.3	contourpy	1.0.5	fribidi	1.0.10
async-timeout	4.0.2	cryptography	41.0.3	frozenlist	1.3.3
atk-1.0	2.36.0	cuda-toolkit	11.1.1	fsspec	2023.9.2
attrs	23.1.0	cuda-nn	8.1.0.77	future	0.18.3
azure-core	1.12.0	curl	8.2.1	gast	0.5.3
azure-storage-blob	12.8.0	cycler	0.11.0	gdal	3.4.1
backcall	0.2.0	cymem	2.0.6	gdk-pixbuf	2.42.10
beautifulsoup4	4.12.2	cython	0.29.33	geometa	1.0.0
black	23.3.0	cython-blis	0.4.1	geos	3.8.0
blas	1.0	cytoolz	0.12.0	geotiff	1.7.0
bleach	4.1.0	dask	2023.3.2	giflib	5.2.1
blinker	1.4	dask-core	2023.3.2	glib	2.69.1
blosc	1.21.3	dask-glm	0.2.0	gmp	6.2.1
bokeh	2.4.3	dask-ml	2023.3.24	gmpy2	2.1.2
boltons	23.0.0	dataclasses	0.8	gobject-introspection	1.72.0
boost	1.79.0	dav1d	1.2.1	google-auth	2.22.0
boto3	1.24.28	dbus	1.13.18	google-auth-oauthlib	0.4.1
botocore	1.27.59	debugpy	1.6.7	google-pasta	0.2.0
bottleneck	1.3.5	decorator	5.1.1	googledrivedownloader	0.4
brotli	1.0.9	defusedxml	0.7.1	graphite2	1.3.14
brotli-bin	1.0.9	descartes	1.1.0	graphviz	2.50.0
brotlipy	0.7.0	dill	0.3.6	greenlet	2.0.1
brunli	0.1	distributed	2023.3.2	grpc-cpp	1.48.2
bzip2	1.0.8	dm-tree	0.1.7	grpcio	1.48.2
c-ares	1.19.1	dtreeviz	1.3.7	gtk2	2.24.33
ca-certificates	2023.08.22	einops	0.3.2	gts	0.7.6
cachetools	4.2.2	ensemble-boxes	1.0.8	h3-py	3.7.3
cairo	1.16.0	entrypoints	0.4	h5netcdf	1.2.0
catalogue	1.0.0	et_xmlfile	1.1.0	h5py	3.7.0
catboost	0.26	etuples	0.3.9	harfbuzz	4.3.0
category_encoders	2.2.2				
certifi	2023.7.22				

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ArcGIS Notebooks Runtime

Python 3 Advanced (Linux Containers) | Version 9.0

Library Name	Version	Library Name	Version	Library Name	Version
hdf4	4.2.13	laspy	1.7.0	llvmlite	0.40.0
hdf5	1.10.6	lcms2	2.12	locket	1.0.0
holoviews	1.17.1	ld_impl_linux-64	2.38	logical-unification	0.4.6
html5lib	1.1	lerc	3.0	lxml	4.9.3
huggingface_hub	0.10.1	libaec	1.0.4	lz4	4.3.2
icu	58.2	libarchive	3.6.2	lz4-c	1.9.4
idna	3.4	libavif	0.11.1	lzo	2.10
imagecodecs	2023.1.23	libboost	1.79.0	mako	1.2.3
imageio	2.31.4	libbrotlicommon	1.0.9	markdown	3.4.1
imgaug	0.4.0	libbrotlidec	1.0.9	markdown-it-py	2.2.0
importlib-metadata	6.0.0	libbrotlienc	1.0.9	markupsafe	2.1.1
importlib_metadata	6.0.0	libcurl	8.2.1	matplotlib	3.6.0
iniconfig	1.1.1	libdap4	3.19.1	matplotlib-base	3.6.0
inplace-abn	1.1.0	libdeflate	1.17	matplotlib-inline	0.1.6
intel-openmp	2023.1.0	libedit	3.1.20221030	mdurl	0.1.0
ipykernel	6.19.2	libev	4.33	minikanren	1.0.3
ipyml	0.8.7	libffi	3.4.4	mistune	2.0.4
ipython	7.34.0	libgcc-ng	11.2.0	mkl	2023.1.0
ipython_genutils	0.2.0	libgd	2.3.3	mkl-service	2.4.0
ipywidgets	7.7.2	libgdal	3.4.1	mkl_fft	1.3.8
isodate	0.6.0	libgfortran-ng	11.2.0	mkl_random	1.2.4
jaraco.classes	3.2.1	libgfortran5	11.2.0	mljar-supervised	0.11.2
jasper	2.0.14	libglu	9.0.0	mmcls	0.25.0
jedi	0.18.2	libgomp	11.2.0	mmcv-full	1.6.0
jeepney	0.7.1	libllvm14	14.0.6	mmdet	2.27.0
jinja2	3.1.2	libmamba	1.5.1	mmdet3d	1.0.0rc5
jmespath	0.10.0	libmambapy	1.5.1	mmengine	0.7.3
joblib	1.2.0	libnetcdf	4.8.1	msegmentation	0.30.0
jpeg	9e	libnghttp2	1.52.0	mock	4.0.3
json-c	0.16	libopencv	4.5.2	more-itertools	8.12.0
jsonpatch	1.32	libopus	1.3.1	motmetrics	1.1.3
jsonpointer	2.1	libpng	1.6.39	mpc	1.1.0
jsonschema	4.17.3	libpq	12.15	mpfr	4.0.2
jupyter_client	6.1.12	libprotobuf	3.20.3	mpmath	1.3.0
jupyter_contrib_core	0.4.0	librsvg	2.54.4	msgpack-python	1.0.3
jupyter_contrib_nbextensions	0.5.1	libsodium	1.0.18	msrest	0.6.21
jupyter_core	4.11.2	libsolv	0.7.24	multi-scale-deformable-attention	1.0.0
jupyter_highlight_selected_word	0.2.0	libspatialindex	1.9.3	multidict	6.0.2
jupyter_latex_envs	1.4.6	libspatialite	4.3.0a	multiplerdispatch	0.6.0
jupyter_nbextensions_configurator	0.4.1	libssh2	1.10.0	munch	2.5.0
jupyter_server	1.21.0	libstdc++-ng	11.2.0	munkres	1.1.4
jupyterlab_pygments	0.2.2	libtiff	4.5.1	murmurhash	1.0.7
jupyterlab_widgets	3.0.3	libtool	2.4.6	mypy_extensions	1.0.0
jxrllib	1.1	libuuid	1.41.5	nb_conda_kernels	2.3.1
kealib	1.5.0	libuv	1.44.2	nbclassic	0.5.5
keepalive	0.5	libvpx	1.7.0	nbclient	0.7.0
keras-base	2.7.0	libwebp	1.3.2	nbconvert	7.2.1
keras-gpu	2.7.0	libwebp-base	1.3.2	nbformat	5.6.1
keras-preprocessing	1.1.2	libxcb	1.15	ncurses	6.4
keyring	23.13.1	libxgboost	1.5.0	nest-asynio	1.5.6
kiwisolver	1.4.4	libxml2	2.10.4	netcdf4	1.6.2
krb5	1.20.1	libxslt	1.1.37	networkx	3.1
		libzip	1.8.0	neural-structured-learning	1.4.0
		libzopfli	1.0.3		
		lightgbm	3.3.5		

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ninja	1.10.2	py-opencv	4.5.2	requests-oauthlib	1.3.0
ninja-base	1.10.2	py-xgboost	1.5.0	requests-toolbelt	1.0.0
nose	1.3.7	pyasn1	0.4.8	rich	13.3.5
notebook	6.5.4	pyasn1-modules	0.2.8	rise	5.7.1
notebook-shim	0.1.0	pybind11	2.10.4	rsa	4.7.2
numba	0.57.1	pybind11-abi	4	rtree	0.9.4
numexpr	2.8.4	pybind11-global	2.10.4	ruamel.yaml	0.17.21
numpy	1.22.3	pycocotools	2.0.2	ruamel.yaml.clib	0.2.6
numpy-base	1.22.3	pycosat	0.6.4	s3transfer	0.6.0
nuscenes-devkit	1.1.3	pyparser	2.21	sacremoses	0.0.43
nvdiia-ml-py3	7.352.0	pyct	0.5.0	scikit-image	0.19.3
oauthlib	3.2.2	pygments	2.14.0	scikit-learn	1.2.2
onnx	1.13.0	pyjwt	2.4.0	scikit-plot	0.3.7
onnx-tf	1.8.0	pykerberos	1.2.1	scipy	1.9.3
opencv	4.5.2	pylerc	3.0	seaborn	0.12.2
openjpeg	2.4.0	pymc	5.6.1	secretstorage	3.3.1
openpyxl	3.0.10	pyodbc	4.0.34	send2trash	1.8.0
openssl	3.0.11	pyopenssl	23.2.0	sentencepiece	0.1.99
opt_einsum	3.3.0	yparsing	3.0.9	setuptools	68.0.0
optuna	2.8.0	pypdf	3.15.0	shap	0.39.0
packaging	23.1	pypdf2	1.26.0	shapely	2.0.1
pandas	2.0.2	pyperclip	1.8.2	simplejson	3.17.6
pandocfilters	1.5.0	pyquaternion	0.9.9	six	1.16.0
panel	0.14.3	pyrsistent	0.18.0	slicer	0.0.7
pango	1.50.7	pyshp	2.1.3	snappy	1.1.9
papermill	2.3.4	pysocks	1.7.1	sniffio	1.2.0
param	1.13.0	pyspnego	0.8.0	snuggs	1.4.7
parso	0.8.3	pytables	3.7.0	sortedcontainers	2.4.0
partd	1.4.0	pytensor	2.12.3	soupsieve	2.4
pathspec	0.9.0	pytest	7.4.0	spacy	2.2.4
patsy	0.5.3	python	3.9.18	sparqlwrapper	1.8.5
pbr	5.6.0	python-dateutil	2.8.2	sqlalchemy	1.4.39
pcre	8.45	python-fastjsonschema	2.16.2	sqlite	3.41.2
pcre2	10.42	python-flatbuffers	1.12	srsly	1.0.5
pexpect	4.8.0	python-graphviz	0.20.1	stack_data	0.5.1
pickleshare	0.7.5	python-gssapi	1.8.1	statsmodels	0.13.5
pillow	9.4.0	python-sounddevice	0.4.4	stevedore	3.3.0
pip	23.2.1	python_abi	3.9	sympy	1.11.1
pixman	0.40.0	pytorch	1.8.2	tabulate	0.8.9
plac	1.1.0	pytz	2023.3.post1	tbb	2021.8.0
platformdirs	3.10.0	pyviz_comms	2.3.0	tblib	1.7.0
plotly	5.15.0	pywavelets	1.4.1	tenacity	8.2.2
pluggy	1.0.0	pyyaml	6.0	tensorboard	2.7.0
portaudio	19.6.0	pyzmq	24.0.1	tensorboard-data-server	0.6.1
postgresql	12.15	rasterio	1.2.10	tensorboard-plugin-wit	1.8.1
prshed	3.0.6	rasterstats	0.16.0	tensorboardx	2.2
prettytable	2.1.0	rdflib	5.0.0	tensorflow-addons	0.15.0
proj	6.2.1	re2	2022.04.01	tensorflow-estimator	2.7.0
prometheus_client	0.8.0	readline	8.2	tensorflow-gpu	2.7.0
prompt_toolkit	3.0.5	regex	2022.7.9	tensorflow-hub	0.12.0
protobuf	3.20.3	reproc	14.2.4	tensorflow-model-optimization	0.7.3
psutil	5.9.0	reproc-cpp	14.2.4	termcolor	2.1.0
ptyprocess	0.7.0	requests	2.31.0	terminado	0.17.1
pure_eval	0.2.2	requests-gssapi	1.2.3	terminaltables	3.1.0
py-boost	1.79.0	requests-kerberos	0.12.0		

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textwrap3	0.9.2	zipp	3.11.0
tflite-model-maker	0.3.4	zlib	1.2.13
tflite-support	0.4.1	zstandard	0.19.0
thinc	7.4.0	zstd	1.5.5
threadpoolctl	2.2.0		
tifffile	2023.4.12		
tiledb	2.3.3		
timm	0.4.12		
tinycss2	1.1.1		
tk	8.6.12		
tokenizers	0.10.1		
tomli	2.0.1		
toolz	0.12.0		
torch-cluster	1.5.9		
torch-geometric	1.7.2		
torch-scatter	2.0.7		
torch-sparse	0.6.10		
torch-spline-conv	1.2.1		
torchvision	0.9.2		
tornado	6.3.2		
tqdm	4.65.0		
traitlets	5.5.0		
transformers	4.14.1		
trimesh	2.35.39		
typeguard	2.13.0		
typing-extensions	4.7.1		
typing_extensions	4.7.1		
tzdata	2023c		
ujson	5.4.0		
unixodbc	2.3.11		
urllib3	1.26.16		
wasabi	0.9.1		
wcwidth	0.2.5		
webencodings	0.5.1		
websocket-client	0.58.0		
werkzeug	2.2.3		
wheel	0.41.2		
widgetsnbextension	3.6.1		
wordcloud	1.8.1		
wrapt	1.14.1		
xarray	2023.6.0		
xarray-einstats	0.6.0		
xerces-c	3.2.4		
xgboost	1.5.0		
xlrd	2.0.1		
xlwt	1.3.0		
xmltodict	0.12.0		
xz	5.4.2		
yaml	0.2.5		
yaml-cpp	0.7.0		
yapf	0.31.0		
yaml	1.8.1		
zeromq	4.3.4		
zfp	1.0.0		
zict	3.0.0		

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RELEASED

October 2023

TOTAL PACKAGES

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SUPPORTED IN

ArcGIS Enterprise 11.2

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	cftime	1.6.2	flake8	4.0.1
_tflow_select	2.7.0	chardet	4.0.0	flatbuffers	2.0.0
absl-py	1.4.0	charls	2.2.0	font-ttf-dejavu-sans-mono	2.37
addict	2.4.0	charset-normalizer	2.0.4	font-ttf-inconsolata	2.001
affine	2.3.0	click	8.0.4	font-ttf-source-code-pro	2.030
aiohttp	3.8.5	click-plugins	1.1.1	font-ttf-ubuntu	0.83
aiosignal	1.2.0	cliff	3.8.0	fontconfig	2.14.1
alumentations	1.0.3	cligj	0.7.2	fonts-anaconda	1
alembic	1.8.1	cloudpickle	2.2.1	fonts-conda-ecosystem	1
altair	4.1.0	cmaes	0.8.2	fonttools	4.25.0
ansiwrap	0.8.4	cmd2	2.4.2	freetype	2.12.1
anyio	3.5.0	colorama	0.4.6	fribidi	1.0.10
aom	3.6.0	colorcet	3.0.1	frozenlist	1.3.3
appdirs	1.4.4	colorlog	5.0.1	fsspec	2023.9.2
arcgis	2.2.0.1	colour	0.1.5	future	0.18.2
arcgispro	3.2	comm	0.1.4	gast	0.4.0
arcpy	3.2	contourpy	1.0.5	gdal	3.7.0
arcpy-base	3.2	cppzmq	4.9.0	geomet	1.0.0
argon2-cffi	21.3.0	cryptography	41.0.3	geos	3.5.0
argon2-cffi-bindings	21.2.0	cuda-toolkit	11.1.1	getopt-win32	0.1
arrow-cpp	12.0.0	cuda-nn	8.1.0.77	giflib	5.2.1
arviz	0.11.2	cycler	0.11.0	glib	2.69.1
astor	0.8.1	cymem	2.0.6	google-auth	2.22.0
asttokens	2.0.5	cython	0.29.33	google-auth-oauthlib	0.4.1
astunparse	1.6.3	cython-blis	0.4.1	google-pasta	0.2.0
async-timeout	4.0.2	cytoolz	0.12.0	googledrivedownloader	0.4
attrs	23.1.0	dask	2023.3.2	graphite2	1.3.14
azure-core	1.12.0	dask-core	2023.3.2	graphviz	2.38
azure-storage-blob	12.8.0	dask-glm	0.2.0	greenlet	2.0.1
babel	2.11.0	dask-ml	2022.5.27	grpcio	1.42.0
backcall	0.2.0	dataclasses	0.8	gts	0.7.6
beautifulsoup4	4.12.2	dav1d	1.2.1	h3-py	3.7.3
black	22.1.0	debugpy	1.6.7	h5py	3.9.0
blas	1.0	decorator	5.1.1	hdf5	1.10.6
bleach	4.1.0	defusedxml	0.7.1	heapdict	1.0.1
blinker	1.6.2	descartes	1.1.0	holoviews	1.15.4
blosc	1.21.3	dill	0.3.6	html5lib	1.1
bokeh	2.4.3	distributed	2023.3.2	icc_rt	2022.2.1
boost	1.73.0	dm-tree	0.1.7	icu	68.1
boto3	1.24.28	dpcpp-cpp-rt	2022.2.1	idna	3.4
botocore	1.27.59	dtreeviz	1.3.7	imagecodecs	2023.1.23
bottleneck	1.3.5	einops	0.3.2	imageio	2.31.4
brotil	1.0.9	ensemble-boxes	1.0.8	imgaug	0.4.0
brotil-bin	1.0.9	entrypoints	0.4	importlib-metadata	6.0.0
brotilpy	0.7.0	et_xmlfile	1.1.0	importlib_metadata	6.0.0
bzip2	1.0.8	exceptiongroup	1.0.0rc9	iniconfig	1.1.1
c-ares	1.19.1	executing	0.8.3	inplace-abn	1.1.0
cachetools	4.2.2	expat	2.5.0	intel-cmplr-lib-rt	2022.2.1
cairo	1.16.0	fairlearn	0.8.0	intel-fortran-rt	2022.2.1
catalogue	1.0.0	fastai	1.0.63	intel-openmp	2022.2.1
catboost	0.26	fastprogress	0.2.3	ipykernel	6.19.2
category_encoders	2.2.2	fasttext	0.9.2	ipyml	0.8.7
certifi	2023.7.22	filelock	3.9.0	ipython	7.34.0
cffi	1.15.1	fiona	1.8.22		
cfitsio	3.470	fire	0.4.0		

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ipython_genutils	0.2.0	libsodium	1.0.18	nbclient	0.7.0
ipywidgets	7.7.2	libspatialindex	1.9.3	nbconvert	7.2.1
isodate	0.6.0	libthrift	0.18.1	nbformat	5.6.1
jaraco.classes	3.2.1	libtiff	4.5.1	nest-asyncio	1.5.6
jdcal	1.4.1	libutf8proc	2.8.0	netcdf4	1.6.4
jedi	0.18.2	libuv	1.40.0	networkx	3.1
jinja2	3.0.3	libwebp	1.3.2	neural-structured-learning	1.4.0
jmespath	0.10.0	libwebp-base	1.3.2	ninja	1.10.2
joblib	1.2.0	libxgboost	1.5.0	ninja-base	1.10.2
jpeg	9e	libxml2	2.10.4	nlohmann_json	3.11.2
json5	0.9.5	libxslt	1.1.37	nose	1.3.7
jsonschema	4.17.3	libzopfli	1.0.3	notebook	6.4.12
jupyter_client	6.1.12	lightgbm	3.3.5	notebook-shim	0.1.0
jupyter_console	6.4.2	llvmlite	0.40.0	ntlm-auth	1.4.0
jupyter_contrib_core	0.4.0	locket	1.0.0	numba	0.57.1
jupyter_contrib_nbextensions	0.6.0	lxml	4.9.1	numexpr	2.8.4
jupyter_core	4.11.2	lz4	4.3.2	numpy	1.22.4
jupyter_highlight_selected_word	0.2.0	lz4-c	1.9.4	numpy-base	1.22.4
jupyter_latex_envs	1.4.6	lzo	2.10	nuscenes-devkit	1.1.3
jupyter_nbextensions_configurator	0.4.1	mako	1.2.3	nvidia-ml-py3	7.352.0
jupyter_server	1.21.0	markdown	3.4.1	oauthlib	3.2.0
jupyterlab	3.4.8	markdown-it-py	2.2.0	olefile	0.46
jupyterlab_pygments	0.2.2	markupsafe	2.1.1	onnx	1.9.0
jupyterlab_server	2.16.0	matplotlib	3.6.3	onnx-tf	1.8.0
jupyterlab_widgets	3.0.3	matplotlib-base	3.6.3	opencv	4.5.2
keepalive	0.5	matplotlib-inline	0.1.6	openjpeg	2.4.0
keras	2.7.0	mccabe	0.7.0	openpyxl	3.0.10
keras-base	2.7.0	mdurl	0.1.0	openssl	3.0.10
keras-gpu	2.7.0	mistune	2.0.4	opt_einsum	3.3.0
keras-preprocessing	1.1.2	mkl	2022.2.1	optuna	2.8.0
keyring	23.13.1	mkl-service	2.4.0	orc	1.8.3
kiwisolver	1.4.4	mkl_fft	1.3.1	packaging	21.3
krb5	1.21.1	mkl_random	1.2.2	pandas	2.0.2
laspy	1.7.0	mljar-supervised	0.11.2	pandocfilters	1.5.0
lcms2	2.12	mmcls	0.25.0	panel	0.14.3
lerc	3.0	mmcv-full	1.6.0	papermill	2.3.4
libabseil	20230125.3	mmdet	2.27.0	param	1.13.0
libaec	1.0.4	mmdet3d	1.0.0rc5	parso	0.8.3
libavif	0.11.1	mmengine	0.7.3	partd	1.4.0
libboost	1.73.0	mmsegmentation	0.30.0	pathspec	0.9.0
libbrotlicommon	1.0.9	mock	4.0.3	patsy	0.5.3
libbrotlidec	1.0.9	more-itertools	8.12.0	pbr	5.6.0
libbrotlienc	1.0.9	motmetrics	1.1.3	pcre	8.45
libcurl	7.86.0	mpmath	1.3.0	pefile	2022.5.30
libdeflate	1.17	msgpack-python	1.0.3	pexpect	4.8.0
libffi	3.4.4	msrest	0.6.21	pickleshare	0.7.5
libgd	2.3.3	multi-scale-deformable-attention	1.0.0	pillow	9.5.0
libiconv	1.16	multidict	6.0.2	pip	23.2.1
libnghttp2	1.50.0	multipledispatch	0.6.0	pixman	0.40.0
libopencv	4.5.2	munch	2.5.0	plac	1.1.0
libpng	1.6.39	munkres	1.1.4	platformdirs	3.10.0
libprotobuf	3.21.12	murmurhash	1.0.7	plotly	5.5.0
		mypy_extensions	0.4.3	pluggy	1.0.0
		nbclassic	0.4.8	portaudio	19.6.0

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preshed	3.0.6	pywavelets	1.4.1	tabulate	0.8.9
prettytable	2.1.0	pywin32-ctypes	0.2.0	tbb	2021.8.0
pro_notebook_integration	3.2	pywin32-security	306	tblib	1.7.0
proj	8.2.1	pywinpty	2.0.1	tenacity	8.2.2
prometheus_client	0.8.0	pyyaml	6.0	tensorboard	2.7.0
prompt_toolkit	3.0.5	pymzq	25.0.2	tensorboard-data-server	0.6.1
protobuf	3.21.12	rasterio	1.2.10	tensorboard-plugin-wit	1.8.1
psutil	5.9.0	rasterstats	0.16.0	tensorboardx	2.2
ptyprocess	0.7.0	rdflib	5.0.0	tensorflow-addons	0.15.0
pure_eval	0.2.2	re2	2023.06.02	tensorflow-base	2.7.0
py-boost	1.73.0	regex	2023.10.3	tensorflow-estimator	2.7.0
py-opencv	4.5.2	requests	2.31.0	tensorflow-gpu	2.7.0
py-xgboost	1.5.0	requests-gssapi	1.2.3	tensorflow-hub	0.12.0
pyarrow	12.0.0	requests-kerberos	0.12.0	tensorflow-model-optimization	0.7.3
pyasn1	0.4.8	requests-negotiate-sspi	0.5.3	termcolor	2.1.0
pyasn1-modules	0.2.8	requests-oauthlib	1.3.0	terminado	0.17.1
pybind11	2.10.4	requests-toolbelt	1.0.0	terminaltables	3.1.0
pybind11_json	0.2.13	rich	13.3.5	testpath	0.5.0
pycocotools	2.0.2	rise	5.7.1	textwrap3	0.9.2
pycodestyle	2.8.0	rsa	4.7.2	tflite-model-maker	0.3.4
pycparser	2.21	rtree	0.9.4	tflite-support	0.4.1
pyct	0.5.0	ruamel.yaml	0.17.21	theano-pymc	1.1.2
pyee	8.2.2	ruamel.yaml.clib	0.2.6	thinc	7.4.0
pyflakes	2.4.0	s3transfer	0.6.0	threadpoolctl	2.2.0
pygments	2.14.0	sacremoses	0.0.43	tifffile	2023.4.12
pyjwt	2.4.0	saspy	4.3.2	timm	0.4.12
pylerc	4.0	scikit-image	0.19.3	tinycss2	1.1.1
pymc3	3.11.4	scikit-learn	1.0.2	tokenizers	0.10.1
pyodbc	4.0.34	scikit-plot	0.3.7	toml	0.10.2
pyopenssl	23.2.0	scipy	1.7.3	tomli	2.0.1
yparsing	3.0.9	seaborn	0.12.2	toolz	0.12.0
pypdf	3.15.0	semver	2.13.0	torch-cluster	1.5.9
pypdf2	1.26.0	send2trash	1.8.0	torch-geometric	1.7.2
pyperclip	1.8.2	sentencepiece	0.1.99	torch-scatter	2.0.7
pyppeteer	1.0.2	setuptools	67.7.2	torch-sparse	0.6.10
pyquaternion	0.9.9	shap	0.39.0	torch-spline-conv	1.2.1
pyrsistent	0.18.0	shapely	1.7.1	torchvision	0.9.2
pyshp	2.1.3	simplejson	3.17.6	tornado	6.3.2
pysocks	1.7.1	six	1.16.0	tqdm	4.65.0
pyspnego	0.9.2	slice	0.0.7	traitlets	5.5.0
pytables	3.7.0	snappy	1.1.10	transformers	4.5.1
pytest	7.2.0	sniffio	1.2.0	trimesh	2.35.39
python	3.9.18	snuggs	1.4.7	typed-ast	1.4.3
python-certifi-win32	1.6	sortedcontainers	2.4.0	typeguard	2.13.0
python-dateutil	2.8.2	soupsieve	2.5	typing	3.10.0.0
python-fastjsonschema	2.16.2	spacy	2.2.4	typing-extensions	4.7.1
python-flatbuffers	1.12	sparqlwrapper	1.8.5	typing_extensions	4.7.1
python-graphviz	0.20.1	sqlalchemy	1.4.39	tzdata	2023c
python-gssapi	1.8.2	sqlite	3.41.2	ujson	5.4.0
python-sounddevice	0.4.4	srsly	1.0.5	urllib3	1.26.16
python_abi	3.9	stack_data	0.5.1	vc	14.2
pytorch	1.8.2	statsmodels	0.14.0	vs2015_runtime	14.27.29016
pytz	2022.6	stevedore	3.3.0	wasabi	0.9.1
pyviz_comms	2.3.0	swat	1.13.2		
		sympy	1.9		

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Library Name	Version
wcwidth	0.2.5
webencodings	0.5.1
websocket-client	0.58.0
websockets	10.4
werkzeug	2.2.3
wheel	0.37.1
widetsnbextension	3.6.1
win_inet_pton	1.1.0
wincertstore	0.2
winkerberos	0.8.0
winpty	0.4.3
wordcloud	1.8.1
wrapt	1.14.1
x86cpu	0.4
xarray	2023.6.0
xeus	3.0.5
xeus-python	0.15.8
xeus-zmq	1.0.2
xgboost	1.5.0
xlrd	2.0.1
xlwt	1.3.0
xmltodict	0.12.0
xtl	0.7.5
xz	5.4.2
yaml	0.2.5
yapf	0.31.0
yaml	1.8.1
zeromq	4.3.4
zfp	1.0.0
zict	3.0.0
zipp	3.11.0
zlib	1.2.13
zlib-ng	2.0.7
zstd	1.5.5

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RELEASED

October 2023

TOTAL PACKAGES

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SUPPORTED IN

ArcGIS Enterprise 11.2

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	cftime	1.6.2	flake8	4.0.1
_tflow_select	2.7.0	chardet	4.0.0	flatbuffers	2.0.0
absl-py	1.4.0	charls	2.2.0	font-ttf-dejavu-sans-mono	2.37
addict	2.4.0	charset-normalizer	2.0.4	font-ttf-inconsolata	2.001
affine	2.3.0	click	8.0.4	font-ttf-source-code-pro	2.030
aiohttp	3.8.5	click-plugins	1.1.1	font-ttf-ubuntu	0.83
aiosignal	1.2.0	cliff	3.8.0	fontconfig	2.14.1
alumentations	1.0.3	cligj	0.7.2	fonts-anaconda	1
alembic	1.8.1	cloudpickle	2.2.1	fonts-conda-ecosystem	1
altair	4.1.0	cmaes	0.8.2	fonttools	4.25.0
ansiwrap	0.8.4	cmd2	2.4.2	freetype	2.12.1
anyio	3.5.0	colorama	0.4.6	fribidi	1.0.10
aom	3.6.0	colorcet	3.0.1	frozenlist	1.3.3
appdirs	1.4.4	colorlog	5.0.1	fsspec	2023.9.2
arcgis	2.2.0.1	colour	0.1.5	future	0.18.2
arcgispro	3.2	comm	0.1.4	gast	0.4.0
arcpy	3.2	contourpy	1.0.5	gdal	3.7.0
arcpy-base	3.2	cppzmq	4.9.0	geometa	1.0.0
argon2-cffi	21.3.0	cryptography	41.0.3	geos	3.5.0
argon2-cffi-bindings	21.2.0	cuda-toolkit	11.1.1	getopt-win32	0.1
arrow-cpp	12.0.0	cuda-nn	8.1.0.77	giflib	5.2.1
arviz	0.11.2	cycler	0.11.0	glib	2.69.1
astor	0.8.1	cymem	2.0.6	google-auth	2.22.0
asttokens	2.0.5	cython	0.29.33	google-auth-oauthlib	0.4.1
astunparse	1.6.3	cython-blis	0.4.1	google-pasta	0.2.0
async-timeout	4.0.2	cytoolz	0.12.0	googledrivedownloader	0.4
attrs	23.1.0	dask	2023.3.2	graphite2	1.3.14
azure-core	1.12.0	dask-core	2023.3.2	graphviz	2.38
azure-storage-blob	12.8.0	dask-glm	0.2.0	greenlet	2.0.1
babel	2.11.0	dask-ml	2022.5.27	grpcio	1.42.0
backcall	0.2.0	dataclasses	0.8	gts	0.7.6
beautifulsoup4	4.12.2	dav1d	1.2.1	h3-py	3.7.3
black	22.1.0	debugpy	1.6.7	h5py	3.9.0
blas	1.0	decorator	5.1.1	hdf5	1.10.6
bleach	4.1.0	defusedxml	0.7.1	heapdict	1.0.1
blinker	1.6.2	descartes	1.1.0	holoviews	1.15.4
blosc	1.21.3	dill	0.3.6	html5lib	1.1
bokeh	2.4.3	distributed	2023.3.2	icc_rt	2022.2.1
boost	1.73.0	dm-tree	0.1.7	icu	68.1
boto3	1.24.28	dpcpp-cpp-rt	2022.2.1	idna	3.4
botocore	1.27.59	dtreeviz	1.3.7	imagecodecs	2023.1.23
bottleneck	1.3.5	einops	0.3.2	imageio	2.31.4
brotli	1.0.9	ensemble-boxes	1.0.8	imgaug	0.4.0
brotli-bin	1.0.9	entrypoints	0.4	importlib-metadata	6.0.0
brotlipy	0.7.0	et_xmlfile	1.1.0	importlib_metadata	6.0.0
bzip2	1.0.8	exceptiongroup	1.0.0rc9	iniconfig	1.1.1
c-ares	1.19.1	executing	0.8.3	inplace-abn	1.1.0
cachetools	4.2.2	expat	2.5.0	intel-cmplr-lib-rt	2022.2.1
cairo	1.16.0	fairlearn	0.8.0	intel-fortran-rt	2022.2.1
catalogue	1.0.0	fastai	1.0.63	intel-openmp	2022.2.1
catboost	0.26	fastprogress	0.2.3	ipykernel	6.19.2
category_encoders	2.2.2	fasttext	0.9.2	ipyml	0.8.7
certifi	2023.7.22	filelock	3.9.0	ipython	7.34.0
cffi	1.15.1	fiona	1.8.22	ipython_genutils	0.2.0
cfitsio	3.470	fire	0.4.0		

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Library Name	Version	Library Name	Version	Library Name	Version
ipywidgets	7.7.2	libspatialindex	1.9.3	nbconvert	7.2.1
isodate	0.6.0	libthrift	0.18.1	nbformat	5.6.1
jaraco.classes	3.2.1	libtiff	4.5.1	nest-asyncio	1.5.6
jdcal	1.4.1	libutf8proc	2.8.0	netcdf4	1.6.4
jedi	0.18.2	libuv	1.40.0	networkx	3.1
jinja2	3.0.3	libwebp	1.3.2	neural-structured-learning	1.4.0
jmespath	0.10.0	libwebp-base	1.3.2	ninja	1.10.2
joblib	1.2.0	libxgboost	1.5.0	ninja-base	1.10.2
jpeg	9e	libxml2	2.10.4	nlohmann_json	3.11.2
json5	0.9.5	libxslt	1.1.37	nose	1.3.7
jsonschema	4.17.3	libzopfli	1.0.3	notebook	6.4.12
jupyter_client	6.1.12	lightgbm	3.3.5	notebook-shim	0.1.0
jupyter_console	6.4.2	llvmlite	0.40.0	ntlm-auth	1.4.0
jupyter_contrib_core	0.4.0	locket	1.0.0	numba	0.57.1
jupyter_contrib_nbextensions	0.6.0	lxml	4.9.1	numexpr	2.8.4
jupyter_core	4.11.2	lz4	4.3.2	numpy	1.22.4
jupyter_highlight_selected_word	0.2.0	lz4-c	1.9.4	numpy-base	1.22.4
jupyter_latex_envs	1.4.6	lzo	2.10	nuscenes-devkit	1.1.3
jupyter_nbextensions_configurator	0.4.1	mako	1.2.3	nvidia-ml-py3	7.352.0
jupyter_server	1.21.0	markdown	3.4.1	oauthlib	3.2.0
jupyterlab	3.4.8	markdown-it-py	2.2.0	olefile	0.46
jupyterlab_pygments	0.2.2	markupsafe	2.1.1	onnx	1.9.0
jupyterlab_server	2.16.0	matplotlib	3.6.3	onnx-tf	1.8.0
jupyterlab_widgets	3.0.3	matplotlib-base	3.6.3	opencv	4.5.2
keepalive	0.5	matplotlib-inline	0.1.6	openjpeg	2.4.0
keras	2.7.0	mccabe	0.7.0	openpyxl	3.0.10
keras-base	2.7.0	mdurl	0.1.0	openssl	3.0.10
keras-gpu	2.7.0	mistune	2.0.4	opt_einsum	3.3.0
keras-preprocessing	1.1.2	mkl	2022.2.1	optuna	2.8.0
keyring	23.13.1	mkl-service	2.4.0	orc	1.8.3
kiwisolver	1.4.4	mkl_fft	1.3.1	packaging	21.3
krb5	1.21.1	mkl_random	1.2.2	pandas	2.0.2
laspy	1.7.0	mljar-supervised	0.11.2	pandocfilters	1.5.0
lcms2	2.12	mmcls	0.25.0	panel	0.14.3
lerc	3.0	mmcv-full	1.6.0	papermill	2.3.4
libabseil	20230125.3	mmdet	2.27.0	param	1.13.0
libaec	1.0.4	mmdet3d	1.0.0rc5	parso	0.8.3
libavif	0.11.1	mmengine	0.7.3	partd	1.4.0
libboost	1.73.0	mmsegmentation	0.30.0	pathspec	0.9.0
libbrotlicommon	1.0.9	mock	4.0.3	patsy	0.5.3
libbrotlidec	1.0.9	more-itertools	8.12.0	pbr	5.6.0
libbrotlienc	1.0.9	motmetrics	1.1.3	pcre	8.45
libcurl	7.86.0	mpmath	1.3.0	pefile	2022.5.30
libdeflate	1.17	msgpack-python	1.0.3	pexpect	4.8.0
libffi	3.4.4	msrest	0.6.21	pickleshare	0.7.5
libgd	2.3.3	multi-scale-deformable-attention	1.0.0	pillow	9.5.0
libiconv	1.16	multidict	6.0.2	pip	23.2.1
libnghttp2	1.50.0	multipledispatch	0.6.0	pixman	0.40.0
libopencv	4.5.2	munch	2.5.0	plac	1.1.0
libpng	1.6.39	munkres	1.1.4	platformdirs	3.10.0
libprotobuf	3.21.12	murmurhash	1.0.7	plotly	5.5.0
libsodium	1.0.18	mypy_extensions	0.4.3	pluggy	1.0.0
		nbcassical	0.4.8	portaudio	19.6.0
		nbclient	0.7.0	prshed	3.0.6

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Library Name	Version	Library Name	Version	Library Name	Version
prettytable	2.1.0	pywin32-ctypes	0.2.0	tbb	2021.8.0
pro_notebook_integration	3.2	pywin32-security	306	tblib	1.7.0
proj	8.2.1	pywinpty	2.0.1	tenacity	8.2.2
prometheus_client	0.8.0	pyyaml	6.0	tensorboard	2.7.0
prompt_toolkit	3.0.5	pyzmq	25.0.2	tensorboard-data-server	0.6.1
protobuf	3.21.12	rasterio	1.2.10	tensorboard-plugin-wit	1.8.1
psutil	5.9.0	rasterstats	0.16.0	tensorboardx	2.2
ptyprocess	0.7.0	rdflib	5.0.0	tensorflow-addons	0.15.0
pure_eval	0.2.2	re2	2023.06.02	tensorflow-base	2.7.0
py-boost	1.73.0	regex	2023.10.3	tensorflow-estimator	2.7.0
py-opencv	4.5.2	requests	2.31.0	tensorflow-gpu	2.7.0
py-xgboost	1.5.0	requests-gssapi	1.2.3	tensorflow-hub	0.12.0
pyarrow	12.0.0	requests-kerberos	0.12.0	tensorflow-model-optimization	0.7.3
pyasn1	0.4.8	requests-negotiate-sspi	0.5.3	termcolor	2.1.0
pyasn1-modules	0.2.8	requests-oauthlib	1.3.0	terminado	0.17.1
pybind11	2.10.4	requests-toolbelt	1.0.0	terminaltables	3.1.0
pybind11_json	0.2.13	rich	13.3.5	testpath	0.5.0
pycocotools	2.0.2	rise	5.7.1	textwrap3	0.9.2
pycodestyle	2.8.0	rsa	4.7.2	tflite-model-maker	0.3.4
pycparser	2.21	rtree	0.9.4	tflite-support	0.4.1
pyct	0.5.0	ruamel.yaml	0.17.21	theano-pymc	1.1.2
pyee	8.2.2	ruamel.yaml.clib	0.2.6	thinc	7.4.0
pyflakes	2.4.0	s3transfer	0.6.0	threadpoolctl	2.2.0
pygments	2.14.0	sacremoses	0.0.43	tifffile	2023.4.12
pyjwt	2.4.0	saspy	4.3.2	timm	0.4.12
pylerc	4.0	scikit-image	0.19.3	tinycss2	1.1.1
pymc3	3.11.4	scikit-learn	1.0.2	tokenizers	0.10.1
pyodbc	4.0.34	scikit-plot	0.3.7	toml	0.10.2
pyopenssl	23.2.0	scipy	1.7.3	tomli	2.0.1
yparsing	3.0.9	seaborn	0.12.2	toolz	0.12.0
pypdf	3.15.0	semver	2.13.0	torch-cluster	1.5.9
pypdf2	1.26.0	send2trash	1.8.0	torch-geometric	1.7.2
pyperclip	1.8.2	sentencepiece	0.1.99	torch-scatter	2.0.7
pypeteer	1.0.2	setuptools	67.7.2	torch-sparse	0.6.10
pyquaternion	0.9.9	shap	0.39.0	torch-spline-conv	1.2.1
pyrsistent	0.18.0	shapely	1.7.1	torchvision	0.9.2
pyshp	2.1.3	simplejson	3.17.6	tornado	6.3.2
pysocks	1.7.1	six	1.16.0	tqdm	4.65.0
pyspnego	0.9.2	slicer	0.0.7	traitlets	5.5.0
pytables	3.7.0	snappy	1.1.10	transformers	4.5.1
pytest	7.2.0	sniffio	1.2.0	trimesh	2.35.39
python	3.9.18	snuggs	1.4.7	typed-ast	1.4.3
python-certifi-win32	1.6	sortedcontainers	2.4.0	typeguard	2.13.0
python-dateutil	2.8.2	soupsieve	2.5	typing	3.10.0.0
python-fastjsonschema	2.16.2	spacy	2.2.4	typing-extensions	4.7.1
python-flatbuffers	1.12	sparqlwrapper	1.8.5	typing_extensions	4.7.1
python-graphviz	0.20.1	sqlalchemy	1.4.39	tzdata	2023c
python-gssapi	1.8.2	sqlite	3.41.2	ujson	5.4.0
python-sounddevice	0.4.4	srsly	1.0.5	urllib3	1.26.16
python_abi	3.9	stack_data	0.5.1	vc	14.2
pytorch	1.8.2	statsmodels	0.14.0	vs2015_runtime	14.27.29016
pytz	2022.6	stevedore	3.3.0	wasabi	0.9.1
pyviz_comms	2.3.0	swat	1.13.2	wcwidth	0.2.5
pywavelets	1.4.1	sympy	1.9	webencodings	0.5.1
		tabulate	0.8.9		

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Library Name	Version
websocket-client	0.58.0
websockets	10.4
werkzeug	2.2.3
wheel	0.37.1
widetsnbextension	3.6.1
win_inet_pton	1.1.0
wincertstore	0.2
winkerberos	0.8.0
winpty	0.4.3
wordcloud	1.8.1
wrapt	1.14.1
x86cpu	0.4
xarray	2023.6.0
xeus	3.0.5
xeus-python	0.15.8
xeus-zmq	1.0.2
xgboost	1.5.0
xlrd	2.0.1
xlwt	1.3.0
xmldict	0.12.0
xtl	0.7.5
xz	5.4.2
yaml	0.2.5
yapf	0.31.0
yaml	1.8.1
zeromq	4.3.4
zfp	1.0.0
zict	3.0.0
zipf	3.11.0
zlib	1.2.13
zlib-ng	2.0.7
zstd	1.5.5

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