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```
name = gdb_rip_name.split('.')[0]
path_arc = os.path.join(arcgis_dir, 'sampled',
                        gdb_rip_name)
path_arc = os.path.join(arcgis_dir, 'sampled',
                        gdb_dir_name)
path_det = os.path.join(home_dir, gdb_rip_name)
path_det = os.path.join(home_dir, gdb_dir_name)

# gdb has been copied/unzipped to home dir here
sh.exists(gdb_rip_path_det)
sh.exists(gdb_dir_path_det)
sh.exists(gdb_dir_path_det)

# No file to home, unzip it
try:
    sh.run(gdb_rip_path_det, gdb_dir_path_det)
    sh.run(gdb_dir_path_det, gdb_dir_path_det)
    sh.run(gdb_dir_path_det, gdb_dir_path_det)
except:
    pass

# the output full path to /arcgis/home/unzip
path_det = os.path.join(home_dir, ' ') # Add a space
```

```
dir_path_arc = os.path.join(arcgis_dir,
                             gdb_dir_name)
dir_path_det = os.path.join(home_dir,
                             gdb_dir_name)

# If the gdb has been copied/unzipped
sh.exists(gdb_rip_path_det)
sh.exists(gdb_dir_path_det)
sh.exists(gdb_dir_path_det)
sh.exists(gdb_dir_path_det)

# Copy the rip file to home, unzip it
sh.run(gdb_rip_path_det, gdb_dir_path_det)
sh.run(gdb_dir_path_det, gdb_dir_path_det)
sh.run(gdb_dir_path_det, gdb_dir_path_det)
sh.run(gdb_dir_path_det, gdb_dir_path_det)
```

```
def unzip_gdb(gdb_rip_path_det,
              gdb_dir_path_det):
    """Unzip a gdb file to a directory"""
    sh.run(gdb_rip_path_det,
          gdb_dir_path_det)
    return gdb_dir_path_det
```

13.0 ArcGIS® Notebook Services on Kubernetes

Python Libraries Manifest

ArcGIS® Notebook Services on Kubernetes 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 Notebook Services on Kubernetes runtime version 13.0.

ArcGIS Notebook Services on Kubernetes Runtime

Python 3 Standard | Version 13.0

RELEASED

December 2025

TOTAL PACKAGES

733

SUPPORTED IN

ArcGIS Enterprise 12.0
on Kubernetes

Library Name	Version	Library Name	Version	Library Name	Version
_libgcc_mutex	0.1	aws-c-s3	0.1.51	click	8.2.1
_openmp_mutex	5.1	aws-c-sdkutils	0.1.6	click-plugins	1.1.1.2
_py-xgboost-mutex	2.0	aws-checksums	0.1.13	cliff	3.8.0
_sysroot_linux-64_curr_repodata_hack	3	aws-crt-cpp	0.18.16	cligj	0.7.2
absl-py	2.1.0	aws-sdk-cpp	1.11.212	cloudpathlib	0.21.0
accelerate	1.4.0	azure-core	1.12.0	cloudpickle	3.1.1
addict	2.4.0	azure-storage-blob	12.8.0	cmaes	0.8.2
affine	2.4.0	babel	2.16.0	cmd2	2.4.3
aiodns	3.5.0	beautifulsoup4	4.13.5	colorama	0.4.6
aiohappyeyeballs	2.6.1	binutils_impl_linux-64	2.40	colorcet	3.1.0
aiohttp	3.12.15	binutils_linux-64	2.40.0	coloredlogs	15.0.1
aiosignal	1.4.0	bitsandbytes	0.45.2	colorlog	6.8.2
aisuite	0.1.7	blas	1.0	colour	0.1.4
alembic	1.17.1	bleach	6.2.0	comm	0.2.2
altair	5.5.0	blinker	1.9.0	conda	25.3.1
anaconda-anon-usage	0.7.0	blosc	1.21.6	conda-anaconda-telemetry	0.1.2
annotated-types	0.6.0	bokeh	3.6.2	conda-anaconda-tos	0.1.3
ansicolors	1.1.8	boltons	24.1.0	conda-content-trust	0.2.0
anthropic	0.58.2	boost	1.86.0	conda-libmamba-solver	25.4.0
antlr-python-runtime	4.9.3	boto3	1.37.10	conda-package-handling	2.4.0
anyio	4.10.0	botocore	1.37.10	conda-package-streaming	0.11.0
anywidget	0.9.18	bottleneck	1.4.2	confection	0.1.5
aom	3.6.0	branca	0.8.1	cons	0.4.6
appdirs	1.4.4	brotili	1.0.9	contourpy	1.3.1
arcgis	2.4.2	brotili-bin	1.0.9	cpp-expected	1.1.0
arcgis-mapping	4.33.0	brotili-python	1.0.9	cryptography	44.0.1
arcgis-notebooks-extension	1.1.1	brotilicffi	1.0.9.2	cuda-cccl_linux-64	12.6.77
archspec	0.2.3	brunsli	0.1	cuda-crt-dev_linux-64	12.6.85
argon2-cffi	21.3.0	bzip2	1.0.8	cuda-crt-tools	12.6.85
argon2-cffi-bindings	25.1.0	c-ares	1.19.1	cuda-cudart	12.6.77
arrow-cpp	20.0.0	c-blosc2	2.17.1	cuda-cudart-dev	12.6.77
arviz	0.20.0	ca-certificates	2025.11.4	cuda-cudart-dev_linux-64	12.6.77
asttokens	3.0.0	cached-property	2.0.1	cuda-cudart-static	12.6.77
async-lru	2.0.4	cachetools	5.5.1	cuda-cudart-static_linux-64	12.6.77
atk-1.0	2.36.0	cairo	1.18.4	cuda-cudart_linux-64	12.6.77
attrs	25.4.0	catalogue	2.0.10	cuda-cuobjdump	12.6.77
aws-c-auth	0.6.19	catboost	1.2.8	cuda-cupti	12.6.80
aws-c-cal	0.5.20	category_encoders	2.2.2	cuda-driver-dev_linux-64	12.6.77
aws-c-common	0.8.5	ccimport	0.4.4	cuda-nvcc	12.6.85
aws-c-compression	0.2.16	certifi	2025.11.12	cuda-nvcc-dev_linux-64	12.6.85
aws-c-event-stream	0.2.15	cffi	1.17.1	cuda-nvcc-impl	12.6.85
aws-c-http	0.6.25	cfitsio	3.470	cuda-nvcc-tools	12.6.85
aws-c-io	0.13.10	cftime	1.6.4	cuda-nvcc_linux-64	12.6.85
aws-c-mqtt	0.7.13	chardet	5.2.0	cuda-nvdisasm	12.6.77
		charls	2.2.0	cuda-nvrtc	12.6.85
		charset-normalizer	3.3.2	cuda-nvtx	12.6.77

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Library Name	Version	Library Name	Version	Library Name	Version
cuda-nvvm-dev_linux-64	12.6.85	fissix	24.4.24	gststreamer	1.24.12
cuda-nvvm-impl	12.6.85	fmt	9.1.0	gtk2	2.24.33
cuda-nvvm-tools	12.6.85	folium	0.20.0	gts	0.7.6
cuda-version	12.6	font-ttf-dejavu-sans-mono	2.37	gxx_impl_linux-64	11.2.0
cudnn	9.5.1.17	font-ttf-inconsolata	2.001	gxx_linux-64	11.2.0
cumm	0.8.1	font-ttf-source-code-pro	2.030	h11	0.16.0
cusparselt	0.7.0.0	font-ttf-ubuntu	0.83	h3-py	4.2.2
cycler	0.11.0	fontconfig	2.15.0	h5netcdf	1.2.0
cymem	2.0.11	fonts-anaconda	1	h5py	3.14.0
cyrus-sasl	2.1.28	fonts-conda-ecosystem	1	harfbuzz	4.3.0
cython	3.1.3	fonttools	4.60.1	hdf4	4.2.13
cython-blis	1.3.0	freeglut	3.4.0	hdf5	1.14.5
cytoolz	1.0.1	freetype	2.13.3	holoviews	1.21.0
dask	2025.2.0	freexl	2.0.0	html5lib	1.1
dask-core	2025.2.0	fribidi	1.0.16	httpcore	1.0.9
dask-glm	0.3.2	frozendict	2.4.2	httpx	0.28.1
dask-ml	2025.1.0	frozenlist	1.8.0	huggingface_hub	0.33.0
dataclasses	0.8	fsspec	2025.7.0	humanfriendly	10.0
datasets	3.3.2	ftfy	6.3.1	hydra-core	1.3.2
dav1d	1.2.1	future	1.0.0	icu	73.1
dbus	1.16.2	gcc_impl_linux-64	11.2.0	idna	3.7
debugpy	1.8.16	gcc_linux-64	11.2.0	imagecodecs	2024.9.22
decorator	5.2.1	gdal	3.11.1	imageio	2.37.0
defusedxml	0.7.1	gdk-pixbuf	2.42.10	importlib-metadata	8.5.0
descartes	1.1.0	gdown	5.2.0	importlib_metadata	8.5.0
detreg	1.0.0	geomet	1.0.0	importlib_resources	6.5.2
dill	0.3.8	geopandas	1.1.0	iniconfig	1.1.1
distributed	2025.2.0	geopandas-base	1.1.0	inplace-abn	1.1.0
distro	1.9.0	geos	3.10.6	intel-openmp	2023.1.0
dtreeviz	1.3.7	geotiff	1.7.0	iopath	0.1.10
duckdb	1.3.2	gettext	0.21.0	ipykernel	6.29.5
einops	0.7.0	gflags	2.2.2	ipympl	0.9.7
ensemble-boxes	1.0.8	giflib	5.2.2	ipython	8.18.1
entrypoints	0.4	glib	2.84.2	ipython_genutils	0.2.0
et_xmlfile	2.0.0	glib-tools	2.84.2	ipywidgets	8.1.5
etuples	0.3.9	glog	0.5.0	isodate	0.6.0
exceptiongroup	1.0.0rc9	gobject-introspection	1.84.0	jaraco.classes	3.4.0
executing	2.2.1	google-auth	2.38.0	jaraco.context	6.0.0
expat	2.7.1	google-auth-oauthlib	1.2.1	jaraco.functools	4.1.0
fairlearn	0.8.0	gputil	1.4.0	jasper	4.2.4
fastai	1.0.63	graphite2	1.3.14	jedi	0.18.2
fastprogress	0.2.3	graphviz	8.1.0	jeepney	0.7.1
ffmpegpeg	7.0.3	greenlet	3.2.4	jinja2	3.1.6
filelock	3.16.1	groq	0.9.0	jiter	0.6.1
fiona	1.10.1	groundingdino-py	0.4.0	jmespath	1.0.1
		grpcio	1.71.0	joblib	1.5.2

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Library Name	Version	Library Name	Version	Library Name	Version
jpeg	9f	libbrotlienc	1.0.9	libnetcdf	4.9.2
json-c	0.16	libcublas	12.6.4.1	libnghttp2	1.57.0
json5	0.9.25	libcublas-dev	12.6.4.1	libnpp	12.3.1.54
jsonpatch	1.33	libcudss-dev	0.4.0.2	libnvjitlink	12.8.61
jsonpointer	2.1	libcudss0	0.4.0.2	libnvjpeg	12.3.3.54
jsonschema	4.25.0	libcufft	11.3.0.4	libogg	1.3.5
jsonschema-specifications	2023.7.1	libcufft-dev	11.3.0.4	libopencv	4.11.0
jupyter-lsp	2.2.0	libcufile	1.11.1.6	libopenjpeg	2.5.4
jupyter_client	8.6.0	libcufile-dev	1.11.1.6	libopus	1.3.1
jupyter_core	5.8.1	libcurand	10.3.7.77	libpciaccess	0.18
jupyter_events	0.10.0	libcurand-dev	10.3.7.77	libpng	1.6.50
jupyter_server	2.14.2	libcurl	8.12.1	libpq	17.6
jupyter_server_terminals	0.5.3	libcusolver	11.7.1.2	libprotobuf	5.29.3
jupyterlab	4.3.8	libcusolver-dev	11.7.1.2	libre2-11	2024.07.02
jupyterlab_pygments	0.3.0	libcuspars	12.5.4.2	librsvg	2.56.3
jupyterlab_server	2.27.3	libcuspars-dev	12.5.4.2	libsentencepiece	0.2.0
jupyterlab_widgets	3.0.13	libdeflate	1.22	libsodium	1.0.20
jxrllib	1.2	libdrm	2.4.124	libsolv	0.7.30
kealib	1.5.0	libedit	3.1.20230828	libspatialindex	1.9.3
kernel-headers_linux-64	3.10.0	libegl	1.7.0	libspatialite	5.1.0
keyring	25.6.0	libev	4.33	libssh2	1.11.1
kiwisolver	1.4.8	libevent	2.1.12	libstdc++-devel_linux-64	11.2.0
krb5	1.20.1	libffi	3.4.4	libstdc++-ng	11.2.0
lame	3.100	libgcc	7.2.0	libtheora	1.2.0
langcodes	3.5.0	libgcc-devel_linux-64	11.2.0	libthrift	0.22.0
language-data	1.3.0	libgcc-ng	11.2.0	libtiff	4.7.0
lark	1.2.2	libgd	2.3.3	libtool	2.4.7
laspy	2.5.4	libgdal	3.11.1	libtorch	2.5.1
lazrs-python	0.6.2	libgfortran-ng	11.2.0	libunistring	1.3
lazy_loader	0.4	libgfortran5	11.2.0	libuuid	1.41.5
lcms2	2.16	libgl	1.7.0	libuv	1.48.0
ld_impl_linux-64	2.40	libglib	2.84.2	libvorbis	1.3.7
leptonica	1.82.0	libglu	9.0.3	libvpx	1.13.1
lerc	4.0.0	libglvnd	1.7.0	libwebp	1.3.2
libabseil	20250127.0	libglx	1.7.0	libwebp-base	1.3.2
libaec	1.1.3	libgomp	11.2.0	libxcb	1.17.0
libarchive	3.7.7	libgrpc	1.71.0	libxgb	1.1.0
libavif	1.1.1	libiconv	1.16	libxgboost	3.0.1
libboost	1.86.0	libidn2	2.3.8	libxml2	2.13.8
libboost-devel	1.86.0	libjpeg-turbo	2.0.0	libxslt	1.1.43
libboost-headers	1.86.0	libkrb5	1.21.3	libzip	1.8.0
libboost-python	1.86.0	libllvm19	19.1.7	libzopfli	1.0.3
libboost-python-devel	1.86.0	libmamba	2.0.5	lightgbm	4.6.0
libbrotlicommon	1.0.9	libmambapy	2.0.5	linkify-it-py	2.0.3
libbrotlidec	1.0.9	libmlir19	19.1.7	lit	20.1.8
		libmpdec	4.0.0	llvmlite	0.44.0
				lmdb	0.9.31

ArcGIS Notebook Services on Kubernetes Runtime

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Library Name	Version	Library Name	Version	Library Name	Version
loket	1.0.0	nbclient	0.8.0	pcre2	10.42
logical-unification	0.4.7	nbconvert	7.16.6	pexpect	4.9.0
lxml	5.3.0	nbformat	5.10.4	pickleshare	0.7.5
lz4	4.3.2	nccl	2.21.5.1	pillow	11.1.0
lz4-c	1.9.4	ncurses	6.4	pip	25.0
magma	2.7.1	nest-asyncio	1.6.0	pixman	0.46.4
mako	1.3.10	netcdf4	1.7.2	platformdirs	4.3.7
mapclassify	2.10.0	networkx	3.5	plotly	5.20.0
marisa-trie	1.3.1	ninja	1.12.1	pluggy	1.5.0
markdown	3.8	ninja-base	1.12.1	pooch	1.8.0
markdown-it-py	2.2.0	ninja_syntax	1.7.2	portalocker	3.0.0
markupsafe	3.0.2	nlohmann_json	3.11.2	prshred	3.0.9
matplotlib	3.9.4	notebook	7.3.3	prettytable	2.1.0
matplotlib-base	3.9.4	notebook-shim	0.2.4	proj	9.3.1
matplotlib-inline	0.1.7	numba	0.61.2	prometheus_client	0.20.0
mdit-py-plugins	0.5.0	numexpr	2.11.0	prompt-toolkit	3.0.47
mdurl	0.1.0	numpy	2.2.5	propcache	0.3.1
menuinst	2.2.0	numpy-base	2.2.5	protobuf	5.29.3
minikanren	1.0.3	nvidia-ml-py	13.580.82	psutil	7.0.0
minizip	4.0.3	oauthlib	3.2.2	psysgnal	0.11.0
mistune	3.1.2	omegaconf	2.3.0	pthread-stubs	0.3
mkl	2023.1.0	onnx	1.18.0	ptyprocess	0.7.0
mkl-service	2.4.0	onnxruntime	1.20.1	pure_eval	0.2.3
mkl_fft	1.3.11	openai	1.109.1	puremagic	1.15
mkl_random	1.2.8	opencv	4.11.0	py-cpuinfo	9.0.0
ml-datasets	0.2.0	openh264	2.1.1	py-opencv	4.11.0
mljar-supervised	0.11.2	openjpeg	2.5.4	py-xgboost	3.0.1
mmcv	2.0.1	openldap	2.6.10	pyarrow	20.0.0
mmdet	3.1.0	openpyxl	3.1.5	pyasn1	0.6.1
mmdet3d	1.2.0	openssl	3.0.18	pyasn1-modules	0.4.2
mmengine	0.10.7	opentelemetry-api	1.37.0	pybind11	2.13.6
mmsegmentation	1.2.2	optuna	3.0.4	pybind11-abi	5
more-itertools	10.8.0	orc	2.1.1	pybind11-global	2.13.6
mpi	1.0	overrides	7.7.0	pycares	4.10.0
mpi4py	4.0.3	packaging	24.2	pycocotools	2.0.9
mpich	4.1.1	pandas	2.3.0	pycosat	0.6.6
mpmath	1.3.0	pandocfilters	1.5.1	pycparser	2.21
msgpack-python	1.1.1	panel	1.7.5	pydantic	2.10.3
msrest	0.6.21	pango	1.50.7	pydantic-core	2.27.1
multidict	6.7.0	papermill	2.6.0	pygments	2.19.1
multipledispatch	1.0.0	param	2.2.1	pyjwt	2.4.0
multiprocess	0.70.15	parso	0.8.4	pylerc	4.0
munch	2.5.0	partd	1.4.2	pymc	5.25.1
murmurhash	1.0.12	patsy	1.0.1	pymc-base	5.25.1
narwhals	2.7.0	pbr	6.1.1	pyopenssl	25.3.0
nbclassic	1.1.0	pccm	0.4.11	pyarsing	3.2.0

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Library Name	Version	Library Name	Version	Library Name	Version
pypdf	4.3.1	rtree	1.0.1	srsly	2.5.1
pyperclip	1.8.2	ruamel.yaml	0.18.10	stack_data	0.5.1
pyproj	3.6.1	ruamel.yaml.clib	0.2.12	statsmodels	0.14.5
pyquaternion	0.9.9	s2n	1.3.27	stevedore	5.1.0
pysocks	1.7.1	s3transfer	0.11.2	supervision	0.25.1
pyspnego	0.11.2	safetensors	0.5.3	sympy	1.14.0
pytables	3.10.2	sam-2	1.0.0.20241212	sysroot_linux-64	2.17
pytensor	2.32.0	samgeo	12.0.0	tabulate	0.9.0
pytensor-base	2.32.0	scikit-image	0.25.2	tbb	2021.8.0
pytest	8.4.2	scikit-learn	1.6.1	tbb-devel	2021.8.0
python	3.13.7	scikit-plot	0.3.12	tblib	3.1.0
python-dateutil	2.9.0post0	scipy	1.16.0	tenacity	9.1.2
python-duckdb	1.3.2	seaborn	0.13.2	tensorboard	2.20.0
python-fastjsonschema	2.20.0	secretstorage	3.4.0	tensorboard-data-server	0.7.0
python-flatbuffers	23.5.26	segment-anything	1.0	tensorboard-plugin-wit	1.6.0
python-graphviz	0.20.1	segment-anything-hq	0.3	tensorboardx	2.6.2.2
python-gssapi	1.8.3	segment-geospatial	0.12.6	termcolor	2.1.0
python-json-logger	3.2.1	send2trash	1.8.2	terminado	0.18.1
python-xxhash	3.5.0	sentencepiece	0.2.0	terminaltables	3.1.0
python_abi	3.13	sentencepiece-python	0.2.0	tesseract	5.2.0
pytorch	2.5.1	sentencepiece-spm	0.2.0	thinc	8.3.6
pytorch-gpu	2.5.1	setuptools	78.1.1	threadpoolctl	3.5.0
pytz	2025.2	shap	0.47.2	tifffile	2024.12.12
pyviz_comms	3.0.6	shapely	2.1.1	tiledb	2.3.3
pyyaml	6.0.2	shellingham	1.5.4	timm	1.0.14
pyzmq	27.1.0	simdjson	3.10.1	tinycss2	1.1.1
rasterio	1.4.3	simplejson	3.20.2	tk	8.6.15
rasterstats	0.19.0	six	1.16.0	tokenizers	0.21.0
re2	2024.07.02	sleef	3.5.1	toolz	1.0.0
readline	8.2	slicer	0.0.8	torch-cluster	1.6.3.20250812
referencing	0.30.2	smart_open	5.2.1	torch-geometric	2.7.0
regex	2025.9.1	snappy	1.2.1	torch-scatter	2.1.2
reproc	14.2.4	sniffio	1.3.0	torch-sparse	0.6.18
reproc-cpp	14.2.4	snuggs	1.4.7	torch-spline-conv	1.2.2.20250812
requests	2.32.3	sortedcontainers	2.4.0	torchvision	0.20.1
requests-gssapi	1.3.0	soupsieve	2.5	tornado	6.5.1
requests-kerberos	0.14.0	spacy	3.8.7	tqdm	4.67.1
requests-oauthlib	2.0.0	spacy-legacy	3.0.12	traitlets	5.14.3
requests-toolbelt	1.0.0	spacy-loggers	1.0.5	transformers	4.51.3
rfc3339-validator	0.1.4	sparse	0.15.4	trimesh	2.35.39
rfc3986-validator	0.1.1	spconv	2.3.8	triton	3.1.0
rich	13.9.4	spdlog	1.11.0	truststore	0.10.0
rpds-py	0.22.3	sqlalchemy	2.0.41	typer	0.9.0
rsa	4.7.2	sqlite	3.50.2	typing	3.10.0.0

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Library Name	Version	Library Name	Version
typing-extensions	4.12.2	yaml	1.18.0
typing-inspection	0.4.2	zeromq	4.3.5
typing_extensions	4.12.2	zfp	1.0.0
tzdata	2025a	zict	3.0.0
uc-micro-py	1.0.3	zipp	3.21.0
ujson	5.10.0	zlib	1.2.13
urllib3	2.3.0	zlib-ng	2.0.7
utf8proc	2.6.1	zstandard	0.23.0
uvloop	0.22.1	zstd	1.5.6
wasabi	1.1.3		
watchfiles	1.1.1		
wcwidth	0.2.13		
weasel	0.4.1		
webencodings	0.5.1		
websocket-client	1.8.0		
werkzeug	3.1.3		
wheel	0.45.1		
widgetsnbextension	4.0.13		
wordcloud	1.9.4		
wrapt	1.17.0		
xarray	2025.10.1		
xarray-einstats	0.9.1		
xerces-c	3.2.4		
xgboost	3.0.1		
xlrd	2.0.1		
xlwt	1.3.0		
xmltodict	0.14.2		
xorg-libx11	1.8.12		
xorg-libxau	1.0.12		
xorg-libxdamage	1.1.6		
xorg-libxdmcp	1.1.5		
xorg-libxext	1.3.6		
xorg-libxf86	6.0.1		
xorg-libxi	1.8.2		
xorg-libxrandr	1.5.4		
xorg-libxrender	0.9.12		
xorg-libxxf86vm	1.1.6		
xorg-xorgproto	2024.1		
xxhash	0.8.0		
xyzservices	2025.4.0		
xz	5.6.4		
yaml	0.2.5		
yaml-cpp	0.8.0		
yapf	0.43.0		

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Library Name	Version	Library Name	Version	Library Name	Version
_libgcc_mutex	0.1	aws-c-s3	0.1.51	click	8.2.1
_openmp_mutex	5.1	aws-c-sdkutils	0.1.6	click-plugins	1.1.1.2
_py-xgboost-mutex	2.0	aws-checksums	0.1.13	cliff	3.8.0
_sysroot_linux-64_curr_repodata_hack	3	aws-crt-cpp	0.18.16	cligj	0.7.2
absl-py	2.1.0	aws-sdk-cpp	1.11.212	cloudpathlib	0.21.0
accelerate	1.4.0	azure-core	1.12.0	cloudpickle	3.1.1
addict	2.4.0	azure-storage-blob	12.8.0	cmaes	0.8.2
affine	2.4.0	babel	2.16.0	cmd2	2.4.3
aiodns	3.5.0	beautifulsoup4	4.13.5	colorama	0.4.6
aiohappyeyeballs	2.6.1	binutils_impl_linux-64	2.40	colorcet	3.1.0
aiohttp	3.12.15	binutils_linux-64	2.40.0	coloredlogs	15.0.1
aiosignal	1.4.0	bitsandbytes	0.45.2	colorlog	6.8.2
aisuite	0.1.7	blas	1.0	colour	0.1.4
alembic	1.17.1	bleach	6.2.0	comm	0.2.2
altair	5.5.0	blinker	1.9.0	conda	25.3.1
anaconda-anon-usage	0.7.0	blosc	1.21.6	conda-anaconda-telemetry	0.1.2
annotated-types	0.6.0	bokeh	3.6.2	conda-anaconda-tos	0.1.3
ansicolors	1.1.8	boltons	24.1.0	conda-content-trust	0.2.0
anthropic	0.58.2	boost	1.86.0	conda-libmamba-solver	25.4.0
antlr-python-runtime	4.9.3	boto3	1.37.10	conda-package-handling	2.4.0
anyio	4.10.0	botocore	1.37.10	conda-package-streaming	0.11.0
anywidget	0.9.18	bottleneck	1.4.2	confection	0.1.5
aom	3.6.0	branca	0.8.1	cons	0.4.6
appdirs	1.4.4	brotli	1.0.9	contourpy	1.3.1
arcgis	2.4.2	brotli-bin	1.0.9	cpp-expected	1.1.0
arcgis-mapping	4.33.0	brotli-python	1.0.9	cryptography	44.0.1
arcgis-notebooks-extension	1.1.1	brotlicffi	1.0.9.2	cuda-cccl_linux-64	12.6.77
arcgis-server-py3	12.0.0	brunli	0.1	cuda-crt-dev_linux-64	12.6.85
archspec	0.2.3	bzip2	1.0.8	cuda-crt-tools	12.6.85
argon2-cffi	21.3.0	c-ares	1.19.1	cuda-cudart	12.6.77
argon2-cffi-bindings	25.1.0	c-blosc2	2.17.1	cuda-cudart-dev	12.6.77
arrow-cpp	20.0.0	ca-certificates	2025.11.4	cuda-cudart-dev_linux-64	12.6.77
arviz	0.20.0	cached-property	2.0.1	cuda-cudart-static	12.6.77
asttokens	3.0.0	cachetools	5.5.1	cuda-cudart-static_linux-64	12.6.77
async-lru	2.0.4	cairo	1.18.4	cuda-cudart-static_linux-64	12.6.77
atk-1.0	2.36.0	catalogue	2.0.10	cuda-cudart_linux-64	12.6.77
attrs	25.4.0	catboost	1.2.8	cuda-cuobjdump	12.6.77
aws-c-auth	0.6.19	category_encoders	2.2.2	cuda-cupti	12.6.80
aws-c-cal	0.5.20	ccimport	0.4.4	cuda-driver-dev_linux-64	12.6.77
aws-c-common	0.8.5	certifi	2025.11.12	cuda-nvcc	12.6.85
aws-c-compression	0.2.16	cffi	1.17.1	cuda-nvcc-dev_linux-64	12.6.85
aws-c-event-stream	0.2.15	cftime	3.470	cuda-nvcc-impl	12.6.85
aws-c-http	0.6.25	cftime	1.6.4	cuda-nvcc-tools	12.6.85
aws-c-io	0.13.10	chardet	5.2.0	cuda-nvcc_linux-64	12.6.85
aws-c-mqtt	0.7.13	charls	2.2.0	cuda-nvdisasm	12.6.77
		charset-normalizer	3.3.2		

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Library Name	Version	Library Name	Version	Library Name	Version
cuda-nvrtc	12.6.85	fiona	1.10.1	grpcio	1.71.0
cuda-nvtx	12.6.77	fissix	24.4.24	gstreamer	1.24.12
cuda-nvvm-dev_linux-64	12.6.85	fmt	9.1.0	gtk2	2.24.33
cuda-nvvm-impl	12.6.85	folium	0.20.0	gts	0.7.6
cuda-nvvm-tools	12.6.85	font-ttf-dejavu-sans-mono	2.37	gxx_impl_linux-64	11.2.0
cuda-version	12.6	font-ttf-inconsolata	2.001	gxx_linux-64	11.2.0
cuda-ndnn	9.5.1.17	font-ttf-source-code-pro	2.030	h11	0.16.0
cumm	0.8.1	font-ttf-ubuntu	0.83	h3-py	4.2.2
cusparse	0.7.0.0	fontconfig	2.15.0	h5netcdf	1.2.0
cycler	0.11.0	fonts-anaconda	1	h5py	3.14.0
cymem	2.0.11	fonts-conda-ecosystem	1	harfbuzz	4.3.0
cyrus-sasl	2.1.28	fonttools	4.60.1	hdf4	4.2.13
cython	3.1.3	freeglut	3.4.0	hdf5	1.14.5
cython-blis	1.3.0	freetype	2.13.3	holoviews	1.21.0
cytoolz	1.0.1	freexl	2.0.0	html5lib	1.1
dask	2025.2.0	fribidi	1.0.16	httpcore	1.0.9
dask-core	2025.2.0	frozendict	2.4.2	httpx	0.28.1
dask-glm	0.3.2	frozenset	1.8.0	huggingface_hub	0.33.0
dask-ml	2025.1.0	fsspec	2025.7.0	humanfriendly	10.0
dataclasses	0.8	ftfy	6.3.1	hydra-core	1.3.2
datasets	3.3.2	future	1.0.0	icu	73.1
dav1d	1.2.1	gcc_impl_linux-64	11.2.0	idna	3.7
dbus	1.16.2	gcc_linux-64	11.2.0	imagecodecs	2024.9.22
debugpy	1.8.16	gdal	3.11.1	imageio	2.37.0
decorator	5.2.1	gdk-pixbuf	2.42.10	importlib-metadata	8.5.0
defusedxml	0.7.1	gdown	5.2.0	importlib_metadata	8.5.0
descartes	1.1.0	geomet	1.0.0	importlib_resources	6.5.2
detreg	1.0.0	geopandas	1.1.0	iniconfig	1.1.1
dill	0.3.8	geopandas-base	1.1.0	inplace-abn	1.1.0
distributed	2025.2.0	geos	3.10.6	intel-openmp	2023.1.0
distro	1.9.0	geotiff	1.7.0	iopath	0.1.10
dtreeviz	1.3.7	gettext	0.21.0	ipykernel	6.29.5
duckdb	1.3.2	gflags	2.2.2	ipyml	0.9.7
einops	0.7.0	glib	5.2.2	ipython	8.18.1
ensemble-boxes	1.0.8	glib	2.84.2	ipython_genutils	0.2.0
entrypoints	0.4	glib-tools	2.84.2	ipywidgets	8.1.5
et_xmlfile	2.0.0	glog	0.5.0	isodate	0.6.0
etuples	0.3.9	gobject-introspection	1.84.0	jaraco.classes	3.4.0
exceptiongroup	1.0.0rc9	google-auth	2.38.0	jaraco.context	6.0.0
executing	2.2.1	google-auth-oauthlib	1.2.1	jaraco.functools	4.1.0
expat	2.7.1	gputil	1.4.0	jasper	4.2.4
fairlearn	0.8.0	graphite2	1.3.14	jedi	0.18.2
fastai	1.0.63	graphviz	8.1.0	jeepney	0.7.1
fastprogress	0.2.3	greenlet	3.2.4	jinja2	3.1.6
ffmpeg	7.0.3	groq	0.9.0	jiter	0.6.1
filelock	3.16.1	groundingdino-py	0.4.0	jmespath	1.0.1

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Library Name	Version	Library Name	Version	Library Name	Version
joblib	1.5.2	libbrotlienc	1.0.9	libnetcdf	4.9.2
jpeg	9f	libcublas	12.6.4.1	libnghttp2	1.57.0
json-c	0.16	libcublas-dev	12.6.4.1	libnpp	12.3.1.54
json5	0.9.25	libcudss-dev	0.4.0.2	libnvjitlink	12.8.61
jsonpatch	1.33	libcudss0	0.4.0.2	libnvjpeg	12.3.3.54
jsonpointer	2.1	libcufft	11.3.0.4	libogg	1.3.5
jsonschema	4.25.0	libcufft-dev	11.3.0.4	libopencv	4.11.0
jsonschema-specifications	2023.7.1	libcufile	1.11.1.6	libopenjpeg	2.5.4
jupyter-lsp	2.2.0	libcufile-dev	1.11.1.6	libopus	1.3.1
jupyter_client	8.6.0	libcurand	10.3.7.77	libpciaccess	0.18
jupyter_core	5.8.1	libcurand-dev	10.3.7.77	libpng	1.6.50
jupyter_events	0.10.0	libcurl	8.12.1	libpq	17.6
jupyter_server	2.14.2	libcusolver	11.7.1.2	libprotobuf	5.29.3
jupyter_server_terminals	0.5.3	libcusolver-dev	11.7.1.2	libre2-11	2024.07.02
jupyterlab	4.3.8	libcuspars	12.5.4.2	librsvg	2.56.3
jupyterlab_pygments	0.3.0	libcuspars-dev	12.5.4.2	libsentencepiece	0.2.0
jupyterlab_server	2.27.3	libdeflate	1.22	libsodium	1.0.20
jupyterlab_widgets	3.0.13	libdrm	2.4.124	libsolv	0.7.30
jxrllib	1.2	libedit	3.1.20230828	libspatialindex	1.9.3
kealib	1.5.0	libegl	1.7.0	libspatialite	5.1.0
kernel-headers_linux-64	3.10.0	libev	4.33	libssh2	1.11.1
keyring	25.6.0	libevent	2.1.12	libstdc++-devel_linux-64	11.2.0
kiwisolver	1.4.8	libffi	3.4.4	libstdc++-ng	11.2.0
krb5	1.20.1	libgcc	7.2.0	libtheora	1.2.0
lame	3.100	libgcc-devel_linux-64	11.2.0	libthrift	0.22.0
langcodes	3.5.0	libgcc-ng	11.2.0	libtiff	4.7.0
language-data	1.3.0	libgd	2.3.3	libtool	2.4.7
lark	1.2.2	libgdal	3.11.1	libtorch	2.5.1
laspy	2.5.4	libgfortran-ng	11.2.0	libunistring	1.3
lazrs-python	0.6.2	libgfortran5	11.2.0	libuuid	1.41.5
lazy_loader	0.4	libgl	1.7.0	libuv	1.48.0
lcms2	2.16	libglib	2.84.2	libvorbis	1.3.7
ld_impl_linux-64	2.40	libglu	9.0.3	libvpx	1.13.1
leptonica	1.82.0	libglvnd	1.7.0	libwebp	1.3.2
lerc	4.0.0	libglx	1.7.0	libwebp-base	1.3.2
libabseil	20250127.0	libgomp	11.2.0	libxcb	1.17.0
libaec	1.1.3	libgrpc	1.71.0	libxgboost	3.0.1
libarchive	3.7.7	libiconv	1.16	libxml2	2.13.8
libavif	1.1.1	libidn2	2.3.8	libxslt	1.1.43
libboost	1.86.0	libjpeg-turbo	2.0.0	libzip	1.8.0
libboost-devel	1.86.0	libkrb5	1.21.3	libzopfli	1.0.3
libboost-headers	1.86.0	libllvm19	19.1.7	lightgbm	4.6.0
libboost-python	1.86.0	libmamba	2.0.5	linkify-it-py	2.0.3
libboost-python-devel	1.86.0	libmambapy	2.0.5	lit	20.1.8
libbrotlicommon	1.0.9	libmlir19	19.1.7	llvmlite	0.44.0
libbrotlidec	1.0.9	libmpdec	4.0.0	lmdb	0.9.31

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Library Name	Version	Library Name	Version	Library Name	Version
loket	1.0.0	nbclient	0.8.0	pcre2	10.42
logical-unification	0.4.7	nbconvert	7.16.6	pexpect	4.9.0
lxml	5.3.0	nbformat	5.10.4	pickleshare	0.7.5
lz4	4.3.2	nccl	2.21.5.1	pillow	11.1.0
lz4-c	1.9.4	ncurses	6.4	pip	25.0
magma	2.7.1	nest-asyncio	1.6.0	pixman	0.46.4
mako	1.3.10	netcdf4	1.7.2	platformdirs	4.3.7
mapclassify	2.10.0	networkx	3.5	plotly	5.20.0
marisa-trie	1.3.1	ninja	1.12.1	pluggy	1.5.0
markdown	3.8	ninja-base	1.12.1	pooch	1.8.0
markdown-it-py	2.2.0	ninja_syntax	1.7.2	portalocker	3.0.0
markupsafe	3.0.2	nlohmann_json	3.11.2	preshed	3.0.9
matplotlib	3.9.4	notebook	7.3.3	prettytable	2.1.0
matplotlib-base	3.9.4	notebook-shim	0.2.4	proj	9.3.1
matplotlib-inline	0.1.7	numba	0.61.2	prometheus_client	0.20.0
mdit-py-plugins	0.5.0	numexpr	2.11.0	prompt-toolkit	3.0.47
mdurl	0.1.0	numpy	2.2.5	propcache	0.3.1
menuinst	2.2.0	numpy-base	2.2.5	protobuf	5.29.3
minikanren	1.0.3	nvidia-ml-py	13.580.82	psutil	7.0.0
minizip	4.0.3	oauthlib	3.2.2	psysgnal	0.11.0
mistune	3.1.2	omegaconf	2.3.0	pthread-stubs	0.3
mk1	2023.1.0	onnx	1.18.0	ptyprocess	0.7.0
mk1-service	2.4.0	onnxruntime	1.20.1	pure_eval	0.2.3
mk1_fft	1.3.11	openai	1.109.1	puremagic	1.15
mk1_random	1.2.8	opencv	4.11.0	py-cpuinfo	9.0.0
ml-datasets	0.2.0	openh264	2.1.1	py-opencv	4.11.0
mljar-supervised	0.11.2	openjpeg	2.5.4	py-xgboost	3.0.1
mmcv	2.0.1	openldap	2.6.10	pyarrow	20.0.0
mmdet	3.1.0	openpyxl	3.1.5	pyasn1	0.6.1
mmdet3d	1.2.0	openssl	3.0.18	pyasn1-modules	0.4.2
mmengine	0.10.7	opentelemetry-api	1.37.0	pybind11	2.13.6
mmsegmentation	1.2.2	optuna	3.0.4	pybind11-abi	5
more-itertools	10.8.0	orc	2.1.1	pybind11-global	2.13.6
mpi	1.0	overrides	7.7.0	pycares	4.10.0
mpi4py	4.0.3	packaging	24.2	pycocotools	2.0.9
mpich	4.1.1	pandas	2.3.0	pycosat	0.6.6
mpmath	1.3.0	pandocfilters	1.5.1	pycparser	2.21
msgpack-python	1.1.1	panel	1.7.5	pydantic	2.10.3
msrest	0.6.21	pango	1.50.7	pydantic-core	2.27.1
multidict	6.7.0	papermill	2.6.0	pygments	2.19.1
multipledispatch	1.0.0	param	2.2.1	pyjwt	2.4.0
multiprocess	0.70.15	parso	0.8.4	pylerc	4.0
munch	2.5.0	partd	1.4.2	pymc	5.25.1
murmurhash	1.0.12	patsy	1.0.1	pymc-base	5.25.1
narwhals	2.7.0	pbr	6.1.1	pyopenssl	25.3.0
nbclassic	1.1.0	pccm	0.4.11	yparsing	3.2.0

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Library Name	Version	Library Name	Version	Library Name	Version
pypdf	4.3.1	ruamel.yaml	0.18.10	statsmodels	0.14.5
pyperclip	1.8.2	ruamel.yaml.clib	0.2.12	stevedore	5.1.0
pyproj	3.6.1	s2n	1.3.27	supervision	0.25.1
pyquaternion	0.9.9	s3transfer	0.11.2	sympy	1.14.0
pysocks	1.7.1	safetensors	0.5.3	sysroot_linux-64	2.17
pyspnego	0.11.2	sam-2	1.0.0.20241212	tabulate	0.9.0
pytables	3.10.2	samgeo	12.0.0	tbb	2021.8.0
pytensor	2.32.0	scikit-image	0.25.2	tbb-devel	2021.8.0
pytensor-base	2.32.0	scikit-learn	1.6.1	tblib	3.1.0
pytest	8.4.2	scikit-plot	0.3.12	tenacity	9.1.2
python	3.13.7	scipy	1.16.0	tensorboard	2.20.0
python-dateutil	2.9.0post0	seaborn	0.13.2	tensorboard-data-server	0.7.0
python-duckdb	1.3.2	secretstorage	3.4.0	tensorboard-plugin-wit	1.6.0
python-fastjsonschema	2.20.0	segment-anything	1.0	tensorboardx	2.6.2.2
python-flatbuffers	23.5.26	segment-anything-hq	0.3	termcolor	2.1.0
python-graphviz	0.20.1	segment-geospatial	0.12.6	terminado	0.18.1
python-gssapi	1.8.3	send2trash	1.8.2	terminaltables	3.1.0
python-json-logger	3.2.1	sentencepiece	0.2.0	tesseract	5.2.0
python-xxhash	3.5.0	sentencepiece-python	0.2.0	thinc	8.3.6
python_abi	3.13	sentencepiece-spm	0.2.0	threadpoolctl	3.5.0
pytorch	2.5.1	setuptools	78.1.1	tifffile	2024.12.12
pytorch-gpu	2.5.1	shap	0.47.2	tiledb	2.3.3
pytz	2025.2	shapely	2.1.1	timm	1.0.14
pyviz_comms	3.0.6	shellingham	1.5.4	tinycss2	1.1.1
pyyaml	6.0.2	simdjson	3.10.1	tk	8.6.15
pyzmq	27.1.0	simplejson	3.20.2	tokenizers	0.21.0
rasterio	1.4.3	six	1.16.0	toolz	1.0.0
rasterstats	0.19.0	sleef	3.5.1	torch-cluster	1.6.3.20250812
re2	2024.07.02	slicer	0.0.8	torch-geometric	2.7.0
readline	8.2	smart_open	5.2.1	torch-scatter	2.1.2
referencing	0.30.2	snappy	1.2.1	torch-sparse	0.6.18
regex	2025.9.1	sniffio	1.3.0	torch-spline-conv	1.2.2.20250812
reproc	14.2.4	snuggs	1.4.7	torchvision	0.20.1
reproc-cpp	14.2.4	sortedcontainers	2.4.0	tornado	6.5.1
requests	2.32.3	soupsieve	2.5	tqdm	4.67.1
requests-gssapi	1.3.0	spacy	3.8.7	traitlets	5.14.3
requests-kerberos	0.14.0	spacy-legacy	3.0.12	transformers	4.51.3
requests-oauthlib	2.0.0	spacy-loggers	1.0.5	trimesh	2.35.39
requests-toolbelt	1.0.0	sparse	0.15.4	triton	3.1.0
rfc3339-validator	0.1.4	spconv	2.3.8	truststore	0.10.0
rfc3986-validator	0.1.1	spdlog	1.11.0	typer	0.9.0
rich	13.9.4	sqlalchemy	2.0.41	typing	3.10.0.0
rpds-py	0.22.3	sqlite	3.50.2	typing-extensions	4.12.2
rsa	4.7.2	srsly	2.5.1	typing-inspection	0.4.2
rtree	1.0.1	stack_data	0.5.1	typing_extensions	4.12.2

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ArcGIS Notebook Services on Kubernetes Runtime

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Library Name	Version	Library Name	Version
tzdata	2025a	zict	3.0.0
uc-micro-py	1.0.3	zipp	3.21.0
ujson	5.10.0	zlib	1.2.13
urllib3	2.3.0	zlib-ng	2.0.7
utf8proc	2.6.1	zstandard	0.23.0
uvloop	0.22.1	zstd	1.5.6
wasabi	1.1.3		
watchfiles	1.1.1		
wcwidth	0.2.13		
weasel	0.4.1		
webencodings	0.5.1		
websocket-client	1.8.0		
werkzeug	3.1.3		
wheel	0.45.1		
widgetsnbextension	4.0.13		
wordcloud	1.9.4		
wrapt	1.17.0		
xarray	2025.10.1		
xarray-einstats	0.9.1		
xerces-c	3.2.4		
xgboost	3.0.1		
xlrd	2.0.1		
xlwt	1.3.0		
xmltodict	0.14.2		
xorg-libx11	1.8.12		
xorg-libxau	1.0.12		
xorg-libxdamage	1.1.6		
xorg-libxdmcp	1.1.5		
xorg-libxext	1.3.6		
xorg-libxfixes	6.0.1		
xorg-libxi	1.8.2		
xorg-libxrandr	1.5.4		
xorg-libxrender	0.9.12		
xorg-libxxf86vm	1.1.6		
xorg-xorgproto	2024.1		
xxhash	0.8.0		
xyzservices	2025.4.0		
xz	5.6.4		
yaml	0.2.5		
yaml-cpp	0.8.0		
yapf	0.43.0		
yaml	1.18.0		
zeromq	4.3.5		
zfp	1.0.0		