```
(base) stu4@sample:~$ conda list
# packages in environment at /home/stu4/anaconda3:
#
# Name                    Version                   Build  Channel
_anaconda_depends         2024.06               py312_mkl_2    defaults
_libgcc_mutex             0.1                         main    defaults
_openmp_mutex             5.1                        1_gnu    defaults
abseil-cpp                20211102.0            hd4dd3e8_0    defaults
aiobotocore               2.12.3           py312h06a4308_0    defaults
aiohttp                   3.9.5            py312h5eee18b_0    defaults
aioitertools              0.7.1              pyhd3eb1b0_0    defaults
aiosignal                 1.2.0              pyhd3eb1b0_0    defaults
alabaster                 0.7.16           py312h06a4308_0    defaults
altair                    5.0.1            py312h06a4308_0    defaults
anaconda-anon-usage       0.4.4          py312hfc0e8ea_100    defaults
anaconda-catalogs         0.2.0            py312h06a4308_1    defaults
anaconda-client           1.12.3           py312h06a4308_0    defaults
anaconda-cloud-auth       0.5.1            py312h06a4308_0    defaults
anaconda-navigator        2.6.0            py312h06a4308_0    defaults
anaconda-project          0.11.1           py312h06a4308_0    defaults
annotated-types           0.6.0            py312h06a4308_0    defaults
anyio                     4.2.0            py312h06a4308_0    defaults
aom                       3.6.0              h6a678d5_0    defaults
appdirs                   1.4.4              pyhd3eb1b0_0    defaults
archspec                  0.2.3              pyhd3eb1b0_0    defaults
argon2-cffi               21.3.0             pyhd3eb1b0_0    defaults
argon2-cffi-bindings      21.2.0           py312h5eee18b_0    defaults
arrow                     1.2.3            py312h06a4308_1    defaults
arrow-cpp                 14.0.2             h374c478_1    defaults
astroid                   2.14.2           py312h06a4308_0    defaults
astropy                   6.1.0            py312ha883a20_0    defaults
astropy-iers-data         0.2024.6.3.0.31.14 py312h06a4308_0    defaults
asttokens                 2.0.5              pyhd3eb1b0_0    defaults
async-lru                 2.0.4            py312h06a4308_0    defaults
atomicwrites              1.4.0                       py_0    defaults
attrs                     23.1.0           py312h06a4308_0    defaults
automat                   20.2.0                      py_0    defaults
autopep8                  2.0.4              pyhd3eb1b0_0    defaults
aws-c-auth                0.6.19             h5eee18b_0    defaults
aws-c-cal                 0.5.20             hdbd6064_0    defaults
aws-c-common              0.8.5              h5eee18b_0    defaults
aws-c-compression         0.2.16             h5eee18b_0    defaults
aws-c-event-stream        0.2.15             h6a678d5_0    defaults
aws-c-http                0.6.25             h5eee18b_0    defaults
aws-c-io                  0.13.10            h5eee18b_0    defaults
aws-c-mqtt                0.7.13             h5eee18b_0    defaults
aws-c-s3                  0.1.51             hdbd6064_0    defaults
aws-c-sdkutils            0.1.6              h5eee18b_0    defaults
aws-checksums             0.1.13             h5eee18b_0    defaults
aws-crt-cpp               0.18.16            h6a678d5_0    defaults
aws-sdk-cpp               1.10.55            h721c034_0    defaults
babel                     2.11.0           py312h06a4308_0    defaults
bcrypt                    3.2.0            py312h5eee18b_1    defaults
beautifulsoup4            4.12.3           py312h06a4308_0    defaults
binaryornot               0.4.4              pyhd3eb1b0_1    defaults
black                     24.4.2           py312h06a4308_0    defaults
```

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blas                        1.0                          mkl        defaults
bleach                      4.1.0                 pyhd3eb1b0_0       defaults
blinker                     1.6.2             py312h06a4308_0       defaults
blosc                       1.21.3                 h6a678d5_0       defaults
bokeh                       3.4.1             py312he106c6f_0       defaults
boltons                     23.0.0            py312h06a4308_0       defaults
boost-cpp                   1.82.0                 hdb19cb5_2       defaults
botocore                    1.34.69           py312h06a4308_0       defaults
bottleneck                  1.3.7             py312ha883a20_0       defaults
brotli                      1.0.9                  h5eee18b_8       defaults
brotli-bin                  1.0.9                  h5eee18b_8       defaults
brotli-python               1.0.9             py312h6a678d5_8       defaults
brunsli                     0.1                    h2531618_0       defaults
bzip2                       1.0.8                  h5eee18b_6       defaults
c-ares                      1.19.1                 h5eee18b_0       defaults
c-blosc2                    2.12.0                 h80c7b02_0       defaults
ca-certificates             2024.3.11              h06a4308_0       defaults
cachetools                  5.3.3             py312h06a4308_0       defaults
certifi                     2024.6.2          py312h06a4308_0       defaults
cffi                        1.16.0            py312h5eee18b_1       defaults
cfitsio                     3.470                  h5893167_7       defaults
chardet                     4.0.0          py312h06a4308_1003       defaults
charls                      2.2.0                  h2531618_0       defaults
charset-normalizer          2.0.4                 pyhd3eb1b0_0       defaults
click                       8.1.7             py312h06a4308_0       defaults
cloudpickle                 2.2.1             py312h06a4308_0       defaults
colorama                    0.4.6             py312h06a4308_0       defaults
colorcet                    3.1.0             py312h06a4308_0       defaults
comm                        0.2.1             py312h06a4308_0       defaults
conda                       24.5.0            py312h06a4308_0       defaults
conda-build                 24.5.1            py312h06a4308_0       defaults
conda-content-trust         0.2.0             py312h06a4308_1       defaults
conda-index                 0.5.0             py312h06a4308_0       defaults
conda-libmamba-solver       24.1.0                pyhd3eb1b0_0       defaults
conda-pack                  0.7.1             py312h06a4308_0       defaults
conda-package-handling      2.3.0             py312h06a4308_0       defaults
conda-package-streaming     0.10.0            py312h06a4308_0       defaults
conda-repo-cli              1.0.88            py312h06a4308_0       defaults
conda-token                 0.5.0                 pyhd3eb1b0_0       defaults
constantly                  23.10.4           py312h06a4308_0       defaults
contourpy                   1.2.0             py312hdb19cb5_0       defaults
cookiecutter                2.6.0             py312h06a4308_0       defaults
cryptography                42.0.5            py312hdda0065_1       defaults
cssselect                   1.2.0             py312h06a4308_0       defaults
curl                        8.7.1                  hdbd6064_0       defaults
cycler                      0.11.0                pyhd3eb1b0_0       defaults
cyrus-sasl                  2.1.28                 h52b45da_1       defaults
cytoolz                     0.12.2            py312h5eee18b_0       defaults
dask                        2024.5.0          py312h06a4308_0       defaults
dask-core                   2024.5.0          py312h06a4308_0       defaults
dask-expr                   1.1.0             py312h06a4308_0       defaults
datashader                  0.16.2            py312h06a4308_0       defaults
dav1d                       1.2.1                  h5eee18b_0       defaults
dbus                        1.13.18                hb2f20db_0       defaults
debugpy                     1.6.7             py312h6a678d5_0       defaults
decorator                   5.1.1                 pyhd3eb1b0_0       defaults
defusedxml                  0.7.1                 pyhd3eb1b0_0       defaults
diff-match-patch            20200713              pyhd3eb1b0_0       defaults
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dill                    0.3.8          py312h06a4308_0    defaults
distributed             2024.5.0       py312h06a4308_0    defaults
distro                  1.9.0          py312h06a4308_0    defaults
docstring-to-markdown   0.11           py312h06a4308_0    defaults
docutils                0.18.1         py312h06a4308_3    defaults
entrypoints             0.4            py312h06a4308_0    defaults
et_xmlfile              1.1.0          py312h06a4308_1    defaults
executing               0.8.3             pyhd3eb1b0_0    defaults
expat                   2.6.2             h6a678d5_0      defaults
filelock                3.13.1         py312h06a4308_0    defaults
flake8                  7.0.0          py312h06a4308_0    defaults
flask                   3.0.3          py312h06a4308_0    defaults
fmt                     9.1.0             hdb19cb5_1      defaults
fontconfig              2.14.1            h4c34cd2_2      defaults
fonttools               4.51.0         py312h5eee18b_0    defaults
freetype                2.12.1            h4a9f257_0      defaults
frozendict              2.4.2          py312h06a4308_0    defaults
frozenlist              1.4.0          py312h5eee18b_0    defaults
fsspec                  2024.3.1       py312h06a4308_0    defaults
gensim                  4.3.2          py312h526ad5a_0    defaults
gflags                  2.2.2             h6a678d5_1      defaults
giflib                  5.2.1             h5eee18b_3      defaults
gitdb                   4.0.7             pyhd3eb1b0_0    defaults
gitpython               3.1.37         py312h06a4308_0    defaults
glib                    2.78.4            h6a678d5_0      defaults
glib-tools              2.78.4            h6a678d5_0      defaults
glog                    0.5.0             h6a678d5_1      defaults
greenlet                3.0.1          py312h6a678d5_0    defaults
grpc-cpp                1.48.2            he1ff14a_1      defaults
gst-plugins-base        1.14.1            h6a678d5_1      defaults
gstreamer               1.14.1            h5eee18b_1      defaults
h5py                    3.11.0         py312h34c39bb_0    defaults
hdf5                    1.12.1            h2b7332f_3      defaults
heapdict                1.0.1             pyhd3eb1b0_0    defaults
holoviews               1.19.0         py312h06a4308_0    defaults
hvplot                  0.10.0         py312h06a4308_0    defaults
hyperlink               21.0.0            pyhd3eb1b0_0    defaults
icu                     73.1              h6a678d5_0      defaults
idna                    3.7            py312h06a4308_0    defaults
imagecodecs             2023.1.23      py312h81b8100_1    defaults
imageio                 2.33.1         py312h06a4308_0    defaults
imagesize               1.4.1          py312h06a4308_0    defaults
imbalanced-learn        0.12.3         py312h06a4308_1    defaults
importlib-metadata      7.0.1          py312h06a4308_0    defaults
incremental             22.10.0           pyhd3eb1b0_0    defaults
inflection              0.5.1          py312h06a4308_1    defaults
iniconfig               1.1.1             pyhd3eb1b0_0    defaults
intake                  0.7.0          py312h06a4308_0    defaults
intel-openmp            2023.1.0          hdb19cb5_46306  defaults
intervaltree            3.1.0             pyhd3eb1b0_0    defaults
ipykernel               6.28.0         py312h06a4308_0    defaults
ipython                 8.25.0         py312h06a4308_0    defaults
ipython_genutils        0.2.0             pyhd3eb1b0_1    defaults
ipywidgets              7.8.1          py312h06a4308_0    defaults
isort                   5.13.2         py312h06a4308_0    defaults
itemadapter             0.3.0             pyhd3eb1b0_0    defaults
itemloaders             1.1.0          py312h06a4308_0    defaults
itsdangerous            2.2.0          py312h06a4308_0    defaults
jaraco.classes          3.2.1             pyhd3eb1b0_0    defaults
```

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jedi                            0.18.1          py312h06a4308_1      defaults
jeepney                         0.7.1            pyhd3eb1b0_0        defaults
jellyfish                       1.0.1           py312hb02cf49_0      defaults
jinja2                          3.1.4           py312h06a4308_0      defaults
jmespath                        1.0.1           py312h06a4308_0      defaults
joblib                          1.4.2           py312h06a4308_0      defaults
jpeg                            9e                h5eee18b_1         defaults
jq                              1.6              h27cfd23_1000       defaults
json5                           0.9.6            pyhd3eb1b0_0        defaults
jsonpatch                       1.33            py312h06a4308_1      defaults
jsonpointer                     2.1              pyhd3eb1b0_0        defaults
jsonschema                      4.19.2          py312h06a4308_0      defaults
jsonschema-specifications       2023.7.1        py312h06a4308_0      defaults
jupyter                         1.0.0           py312h06a4308_9      defaults
jupyter-lsp                     2.2.0           py312h06a4308_0      defaults
jupyter_client                  8.6.0           py312h06a4308_0      defaults
jupyter_console                 6.6.3           py312h06a4308_1      defaults
jupyter_core                    5.7.2           py312h06a4308_0      defaults
jupyter_events                  0.10.0          py312h06a4308_0      defaults
jupyter_server                  2.14.1          py312h06a4308_0      defaults
jupyter_server_terminals        0.4.4           py312h06a4308_1      defaults
jupyterlab                      4.0.11          py312h06a4308_0      defaults
jupyterlab-variableinspector    3.1.0            py312h06a4308_0      defaults
jupyterlab_pygments             0.1.2                    py_0        defaults
jupyterlab_server               2.25.1          py312h06a4308_0      defaults
jupyterlab_widgets              1.0.0            pyhd3eb1b0_1        defaults
jxrlib                          1.1               h7b6447c_2         defaults
keyring                         24.3.1          py312h06a4308_0      defaults
kiwisolver                      1.4.4           py312h6a678d5_0      defaults
krb5                            1.20.1            h143b758_1         defaults
lazy-object-proxy               1.10.0          py312h5eee18b_0      defaults
lazy_loader                     0.4             py312h06a4308_0      defaults
lcms2                           2.12              h3be6417_0         defaults
ld_impl_linux-64                2.38              h1181459_1         defaults
lerc                            3.0               h295c915_0         defaults
libaec                          1.0.4             he6710b0_1         defaults
libarchive                      3.6.2             h6ac8c49_3         defaults
libavif                         0.11.1            h5eee18b_0         defaults
libboost                        1.82.0            h109eef0_2         defaults
libbrotlicommon                 1.0.9             h5eee18b_8         defaults
libbrotlidec                    1.0.9             h5eee18b_8         defaults
libbrotlienc                    1.0.9             h5eee18b_8         defaults
libclang                        14.0.6          default_hc6dbbc7_1   defaults
libclang13                      14.0.6          default_he11475f_1   defaults
libcups                         2.4.2             h2d74bed_1         defaults
libcurl                         8.7.1             h251f7ec_0         defaults
libdeflate                      1.17              h5eee18b_1         defaults
libedit                         3.1.20230828      h5eee18b_0         defaults
libev                           4.33              h7f8727e_1         defaults
libevent                        2.1.12            hdbd6064_1         defaults
libffi                          3.4.4             h6a678d5_1         defaults
libgcc-ng                       11.2.0            h1234567_1         defaults
libgfortran-ng                  11.2.0            h00389a5_1         defaults
libgfortran5                    11.2.0            h1234567_1         defaults
libglib                         2.78.4            hdc74915_0         defaults
libgomp                         11.2.0            h1234567_1         defaults
libiconv                        1.16              h5eee18b_3         defaults
liblief                         0.12.3            h6a678d5_0         defaults
```

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libllvm14          14.0.6          hdb19cb5_3     defaults
libmamba           1.5.8           hfe524e5_2     defaults
libmambapy         1.5.8           py312h2dafd23_2 defaults
libnghttp2         1.57.0          h2d74bed_0     defaults
libpng             1.6.39          h5eee18b_0     defaults
libpq              12.17           hdbd6064_0     defaults
libprotobuf        3.20.3          he621ea3_0     defaults
libsodium          1.0.18          h7b6447c_0     defaults
libsolv            0.7.24          he621ea3_1     defaults
libspatialindex    1.9.3           h2531618_0     defaults
libssh2            1.11.0          h251f7ec_0     defaults
libstdcxx-ng       11.2.0          h1234567_1     defaults
libthrift          0.15.0          h1795dd8_2     defaults
libtiff            4.5.1           h6a678d5_0     defaults
libuuid            1.41.5          h5eee18b_0     defaults
libwebp-base       1.3.2           h5eee18b_0     defaults
libxcb             1.15            h7f8727e_0     defaults
libxkbcommon       1.0.1           h5eee18b_1     defaults
libxml2            2.10.4          hfdd30dd_2     defaults
libxslt            1.1.37          h5eee18b_1     defaults
libzopfli          1.0.3           he6710b0_0     defaults
linkify-it-py      2.0.0           py312h06a4308_0 defaults
llvmlite           0.42.0          py312h6a678d5_0 defaults
locket             1.0.0           py312h06a4308_0 defaults
lxml               5.2.1           py312hdbbb534_0 defaults
lz4                4.3.2           py312h5eee18b_0 defaults
lz4-c              1.9.4           h6a678d5_1     defaults
lzo                2.10            h7b6447c_2     defaults
markdown           3.4.1           py312h06a4308_0 defaults
markdown-it-py     2.2.0           py312h06a4308_1 defaults
markupsafe         2.1.3           py312h5eee18b_0 defaults
matplotlib         3.8.4           py312h06a4308_0 defaults
matplotlib-base    3.8.4           py312h526ad5a_0 defaults
matplotlib-inline  0.1.6           py312h06a4308_0 defaults
mccabe             0.7.0           pyhd3eb1b0_0   defaults
mdit-py-plugins    0.3.0           py312h06a4308_0 defaults
mdurl              0.1.0           py312h06a4308_0 defaults
menuinst           2.1.1           py312h06a4308_0 defaults
mistune            2.0.4           py312h06a4308_0 defaults
mkl                2023.1.0        h213fc3f_46344 defaults
mkl-service        2.4.0           py312h5eee18b_1 defaults
mkl_fft            1.3.8           py312h5eee18b_0 defaults
mkl_random         1.2.4           py312hdb19cb5_0 defaults
more-itertools     10.1.0          py312h06a4308_0 defaults
mpmath             1.3.0           py312h06a4308_0 defaults
msgpack-python     1.0.3           py312hdb19cb5_0 defaults
multidict          6.0.4           py312h5eee18b_0 defaults
multipledispatch   0.6.0           py312h06a4308_0 defaults
mypy               1.10.0          py312h5eee18b_0 defaults
mypy_extensions    1.0.0           py312h06a4308_0 defaults
mysql              5.7.24          h721c034_2     defaults
navigator-updater  0.5.1           py312h06a4308_0 defaults
nbclient           0.8.0           py312h06a4308_0 defaults
nbconvert          7.10.0          py312h06a4308_0 defaults
nbformat           5.9.2           py312h06a4308_0 defaults
ncurses            6.4             h6a678d5_0     defaults
nest-asyncio       1.6.0           py312h06a4308_0 defaults
networkx           3.2.1           py312h06a4308_0 defaults
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Package	Version	Build	Channel
nltk	3.8.1	py312h06a4308_0	defaults
notebook	7.0.8	py312h06a4308_0	defaults
notebook-shim	0.2.3	py312h06a4308_0	defaults
nspr	4.35	h6a678d5_0	defaults
nss	3.89.1	h6a678d5_0	defaults
numba	0.59.1	py312h526ad5a_0	defaults
numexpr	2.8.7	py312hf827012_0	defaults
numpy	1.26.4	py312hc5e2394_0	defaults
numpy-base	1.26.4	py312h0da6c21_0	defaults
numpydoc	1.7.0	py312h06a4308_0	defaults
oniguruma	6.9.7.1	h27cfd23_0	defaults
openjpeg	2.4.0	h3ad879b_0	defaults
openpyxl	3.1.2	py312h5eee18b_0	defaults
openssl	3.0.14	h5eee18b_0	defaults
orc	1.7.4	hb3bc3d3_1	defaults
overrides	7.4.0	py312h06a4308_0	defaults
packaging	23.2	py312h06a4308_0	defaults
pandas	2.2.2	py312h526ad5a_0	defaults
pandocfilters	1.5.0	pyhd3eb1b0_0	defaults
panel	1.4.4	py312h06a4308_0	defaults
param	2.1.0	py312h06a4308_0	defaults
parsel	1.8.1	py312h06a4308_0	defaults
parso	0.8.3	pyhd3eb1b0_0	defaults
partd	1.4.1	py312h06a4308_0	defaults
patch	2.7.6	h7b6447c_1001	defaults
patchelf	0.17.2	h6a678d5_0	defaults
pathspec	0.10.3	py312h06a4308_0	defaults
patsy	0.5.6	py312h06a4308_0	defaults
pcre2	10.42	hebb0a14_1	defaults
pexpect	4.8.0	pyhd3eb1b0_3	defaults
pickleshare	0.7.5	pyhd3eb1b0_1003	defaults
pillow	10.3.0	py312h5eee18b_0	defaults
pip	24.0	py312h06a4308_0	defaults
pkce	1.0.3	py312h06a4308_0	defaults
pkginfo	1.10.0	py312h06a4308_0	defaults
platformdirs	3.10.0	py312h06a4308_0	defaults
plotly	5.22.0	py312he106c6f_0	defaults
pluggy	1.0.0	py312h06a4308_1	defaults
ply	3.11	py312h06a4308_1	defaults
prometheus_client	0.14.1	py312h06a4308_0	defaults
prompt-toolkit	3.0.43	py312h06a4308_0	defaults
prompt_toolkit	3.0.43	hd3eb1b0_0	defaults
protego	0.1.16	py_0	defaults
protobuf	3.20.3	py312h6a678d5_0	defaults
psutil	5.9.0	py312h5eee18b_0	defaults
ptyprocess	0.7.0	pyhd3eb1b0_2	defaults
pure_eval	0.2.2	pyhd3eb1b0_0	defaults
py-cpuinfo	9.0.0	py312h06a4308_0	defaults
py-lief	0.12.3	py312h6a678d5_0	defaults
pyarrow	14.0.2	py312hb107042_0	defaults
pyasn1	0.4.8	pyhd3eb1b0_0	defaults
pyasn1-modules	0.2.8	py_0	defaults
pybind11-abi	5	hd3eb1b0_0	defaults
pycodestyle	2.11.1	py312h06a4308_0	defaults
pycosat	0.6.6	py312h5eee18b_1	defaults
pycparser	2.21	pyhd3eb1b0_0	defaults
pyct	0.5.0	py312h06a4308_0	defaults
pycurl	7.45.2	py312hdbd6064_1	defaults
pydantic	2.5.3	py312h06a4308_0	defaults

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pydantic-core            2.14.6       py312hb02cf49_0    defaults
pydeck                   0.8.0        py312h06a4308_2    defaults
pydispatcher             2.0.5        py312h06a4308_3    defaults
pydocstyle               6.3.0        py312h06a4308_0    defaults
pyerfa                   2.0.1.4      py312ha883a20_0    defaults
pyflakes                 3.2.0        py312h06a4308_0    defaults
pygments                 2.15.1       py312h06a4308_1    defaults
pyjwt                    2.8.0        py312h06a4308_0    defaults
pylint                   2.16.2       py312h06a4308_0    defaults
pylint-venv              3.0.3        py312h06a4308_0    defaults
pyls-spyder              0.4.0          pyhd3eb1b0_0     defaults
pyodbc                   5.0.1        py312h6a678d5_0    defaults
pyopenssl                24.0.0       py312h06a4308_0    defaults
pyparsing                3.0.9        py312h06a4308_0    defaults
pyqt                     5.15.10      py312h6a678d5_0    defaults
pyqt5-sip                12.13.0      py312h5eee18b_0    defaults
pyqtwebengine            5.15.10      py312h6a678d5_0    defaults
pysocks                  1.7.1        py312h06a4308_0    defaults
pytables                 3.9.2        py312h387d6ec_0    defaults
pytest                   7.4.4        py312h06a4308_0    defaults
python                   3.12.4         h5148396_1       defaults
python-dateutil          2.9.0post0   py312h06a4308_2    defaults
python-dotenv            0.21.0       py312h06a4308_0    defaults
python-fastjsonschema    2.16.2       py312h06a4308_0    defaults
python-json-logger       2.0.7        py312h06a4308_0    defaults
python-libarchive-c      2.9            pyhd3eb1b0_1     defaults
python-lmdb              1.4.1        py312h6a678d5_0    defaults
python-lsp-black         2.0.0        py312h06a4308_0    defaults
python-lsp-jsonrpc       1.1.2          pyhd3eb1b0_0     defaults
python-lsp-server        1.10.0       py312h06a4308_0    defaults
python-slugify           5.0.2          pyhd3eb1b0_0     defaults
python-snappy            0.6.1        py312h6a678d5_0    defaults
python-tzdata            2023.3         pyhd3eb1b0_0     defaults
pytoolconfig             1.2.6        py312h06a4308_0    defaults
pytz                     2024.1       py312h06a4308_0    defaults
pyviz_comms              3.0.2        py312h06a4308_0    defaults
pywavelets               1.5.0        py312ha883a20_0    defaults
pyxdg                    0.27           pyhd3eb1b0_0     defaults
pyyaml                   6.0.1        py312h5eee18b_0    defaults
pyzmq                    25.1.2       py312h6a678d5_0    defaults
qdarkstyle               3.2.3          pyhd3eb1b0_0     defaults
qstylizer                0.2.2        py312h06a4308_0    defaults
qt-main                  5.15.2         h53bd1ea_10      defaults
qt-webengine             5.15.9         h9ab4d14_7       defaults
qtawesome                1.2.2        py312h06a4308_0    defaults
qtconsole                5.5.1        py312h06a4308_0    defaults
qtpy                     2.4.1        py312h06a4308_0    defaults
queuelib                 1.6.2        py312h06a4308_0    defaults
re2                      2022.04.01     h295c915_0       defaults
readline                 8.2            h5eee18b_0       defaults
referencing              0.30.2       py312h06a4308_0    defaults
regex                    2023.10.3    py312h5eee18b_0    defaults
reproc                   14.2.4         h6a678d5_2       defaults
reproc-cpp               14.2.4         h6a678d5_2       defaults
requests                 2.32.2       py312h06a4308_0    defaults
requests-file            1.5.1          pyhd3eb1b0_0     defaults
requests-toolbelt        1.0.0        py312h06a4308_0    defaults
rfc3339-validator        0.1.4        py312h06a4308_0    defaults
```

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rfc3339-validator              0.1.4        py312h06a4308_0    defaults
rfc3986-validator              0.1.1        py312h06a4308_0    defaults
rich                           13.3.5       py312h06a4308_1    defaults
rope                           1.12.0       py312h06a4308_0    defaults
rpds-py                        0.10.6       py312hb02cf49_0    defaults
rtree                          1.0.1        py312h06a4308_0    defaults
ruamel.yaml                    0.17.21      py312h5eee18b_0    defaults
ruamel_yaml                    0.17.21      py312h5eee18b_0    defaults
s2n                            1.3.27          hdbd6064_0      defaults
s3fs                           2024.3.1     py312h06a4308_0    defaults
scikit-image                   0.23.2       py312h526ad5a_0    defaults
scikit-learn                   1.4.2        py312h526ad5a_1    defaults
scipy                          1.12.0             pypi_0       pypi
scrapy                         2.11.1       py312h06a4308_0    defaults
seaborn                        0.13.2       py312h06a4308_0    defaults
secretstorage                  3.3.1        py312h06a4308_1    defaults
semver                         3.0.2        py312h06a4308_0    defaults
send2trash                     1.8.2        py312h06a4308_0    defaults
service_identity               18.1.0          pyhd3eb1b0_1    defaults
setuptools                     69.5.1       py312h06a4308_0    defaults
sip                            6.7.12       py312h6a678d5_0    defaults
six                            1.16.0          pyhd3eb1b0_1    defaults
smart_open                     5.2.1        py312h06a4308_0    defaults
smmap                          4.0.0           pyhd3eb1b0_0    defaults
snappy                         1.1.10          h6a678d5_1      defaults
sniffio                        1.3.0        py312h06a4308_0    defaults
snowballstemmer                2.2.0           pyhd3eb1b0_0    defaults
sortedcontainers               2.4.0           pyhd3eb1b0_0    defaults
soupsieve                      2.5          py312h06a4308_0    defaults
sphinx                         7.3.7        py312h5eee18b_0    defaults
sphinxcontrib-applehelp        1.0.2           pyhd3eb1b0_0    defaults
sphinxcontrib-devhelp          1.0.2           pyhd3eb1b0_0    defaults
sphinxcontrib-htmlhelp         2.0.0           pyhd3eb1b0_0    defaults
sphinxcontrib-jsmath           1.0.1           pyhd3eb1b0_0    defaults
sphinxcontrib-qthelp           1.0.3           pyhd3eb1b0_0    defaults
sphinxcontrib-serializinghtml 1.1.10          py312h06a4308_0    defaults
spyder                         5.5.1        py312h06a4308_0    defaults
spyder-kernels                 2.5.0        py312h06a4308_0    defaults
sqlalchemy                     2.0.30       py312h5eee18b_0    defaults
sqlite                         3.45.3          h5eee18b_0      defaults
stack_data                     0.2.0           pyhd3eb1b0_0    defaults
statsmodels                    0.14.2       py312ha883a20_0    defaults
streamlit                      1.32.0       py312h06a4308_0    defaults
sympy                          1.12         py312h06a4308_0    defaults
tabulate                       0.9.0        py312h06a4308_0    defaults
tbb                            2021.8.0        hdb19cb5_0      defaults
tblib                          1.7.0           pyhd3eb1b0_0    defaults
tenacity                       8.2.2        py312h06a4308_1    defaults
terminado                      0.17.1       py312h06a4308_0    defaults
text-unidecode                 1.3             pyhd3eb1b0_0    defaults
textdistance                   4.2.1           pyhd3eb1b0_0    defaults
threadpoolctl                  2.2.0           pyh0d69192_0    defaults
three-merge                    0.1.1           pyhd3eb1b0_0    defaults
tifffile                       2023.4.12    py312h06a4308_0    defaults
tinycss2                       1.2.1        py312h06a4308_0    defaults
tk                             8.6.14          h39e8969_0      defaults
tldextract                     3.2.0           pyhd3eb1b0_0    defaults
toml                           0.10.2          pyhd3eb1b0_0    defaults
tomli                          2.0.1        py312h06a4308_1    defaults
```

```
tomli                    2.0.1       py312h06a4308_1    defaults
tomlkit                  0.11.1      py312h06a4308_0    defaults
toolz                    0.12.0      py312h06a4308_0    defaults
tornado                  6.4.1       py312h5eee18b_0    defaults
tqdm                     4.66.4      py312he106c6f_0    defaults
traitlets                5.14.3      py312h06a4308_0    defaults
truststore               0.8.0       py312h06a4308_0    defaults
twisted                  23.10.0     py312h06a4308_0    defaults
typing-extensions        4.11.0      py312h06a4308_0    defaults
typing_extensions        4.11.0      py312h06a4308_0    defaults
tzdata                   2024a              h04d1e81_0    defaults
uc-micro-py              1.0.1       py312h06a4308_0    defaults
ujson                    5.10.0      py312h6a678d5_0    defaults
unicodedata2             15.1.0      py312h5eee18b_0    defaults
unidecode                1.2.0            pyhd3eb1b0_0    defaults
unixodbc                 2.3.11             h5eee18b_0    defaults
urllib3                  2.2.2       py312h06a4308_0    defaults
utf8proc                 2.6.1              h5eee18b_1    defaults
w3lib                    1.21.0           pyhd3eb1b0_0    defaults
watchdog                 4.0.1       py312h06a4308_0    defaults
wcwidth                  0.2.5            pyhd3eb1b0_0    defaults
webencodings             0.5.1       py312h06a4308_2    defaults
websocket-client         1.8.0       py312h06a4308_0    defaults
werkzeug                 3.0.3       py312h06a4308_0    defaults
whatthepatch             1.0.2       py312h06a4308_0    defaults
wheel                    0.43.0      py312h06a4308_0    defaults
widgetsnbextension       3.6.6       py312h06a4308_0    defaults
wrapt                    1.14.1      py312h5eee18b_0    defaults
wurlitzer                3.0.2       py312h06a4308_0    defaults
xarray                   2023.6.0    py312h06a4308_0    defaults
xyzservices              2022.9.0    py312h06a4308_1    defaults
xz                       5.4.6              h5eee18b_1    defaults
yaml                     0.2.5              h7b6447c_0    defaults
yaml-cpp                 0.8.0              h6a678d5_1    defaults
yapf                     0.40.2      py312h06a4308_0    defaults
yarl                     1.9.3       py312h5eee18b_0    defaults
zeromq                   4.3.5              h6a678d5_0    defaults
zfp                      1.0.0              h6a678d5_0    defaults
zict                     3.0.0       py312h06a4308_0    defaults
zipp                     3.17.0      py312h06a4308_0    defaults
zlib                     1.2.13             h5eee18b_1    defaults
zlib-ng                  2.0.7              h5eee18b_0    defaults
zope                     1.0         py312h06a4308_1    defaults
zope.interface           5.4.0       py312h5eee18b_0    defaults
zstandard                0.22.0      py312h2c38b39_0    defaults
zstd                     1.5.5              hc292b87_2    defaults
(base) stu4@sample:~$
```