

## NumPy Functions and Attributes

ALLOW\_THREADS

AxisError

BUFSIZE

CLIP

ComplexWarning

DataSource

ERR\_CALL

ERR\_DEFAULT

ERR\_IGNORE

ERR\_LOG

ERR\_PRINT

ERR\_RAISE

ERR\_WARN

FLOATING\_POINT\_SUPPORT

FPE\_DIVIDEBYZERO

FPE\_INVALID

FPE\_OVERFLOW

FPE\_UNDERFLOW

False\_

Inf

Infinity

MAXDIMS

MAY\_SHARE\_BOUNDS

MAY\_SHARE\_EXACT

ModuleDeprecationWarning

NAN

NINF

NZERO

NaN

PINF

PZERO

RAISE

## NumPy Functions and Attributes

RankWarning

SHIFT\_DIVIDEBYZERO

SHIFT\_INVALID

SHIFT\_OVERFLOW

SHIFT\_UNDERFLOW

ScalarType

Tester

TooHardError

True\_

UFUNC\_BUFSIZE\_DEFAULT

UFUNC\_PYVALS\_NAME

VisibleDeprecationWarning

WRAP

abs

absolute

add

add\_docstring

add\_newdoc

add\_newdoc\_ufunc

all

allclose

alltrue

amax

amin

angle

any

append

apply\_along\_axis

apply\_over\_axes

arange

arccos

arccosh

## NumPy Functions and Attributes

arcsin  
arcsinh  
arctan  
arctan2  
arctanh  
argmax  
argmin  
argpartition  
argsort  
argwhere  
around  
array  
array2string  
array\_equal  
array\_equiv  
array\_repr  
array\_split  
array\_str  
asanyarray  
asarray  
asarray\_chkfinite  
ascontiguousarray  
asfarray  
asfortranarray  
asmatrix  
atleast\_1d  
atleast\_2d  
atleast\_3d  
average  
bartlett  
base\_repr  
binary\_repr

## NumPy Functions and Attributes

bincount  
bitwise\_and  
bitwise\_not  
bitwise\_or  
bitwise\_xor  
blackman  
block  
bmat  
bool\_  
broadcast  
broadcast\_arrays  
broadcast\_shapes  
broadcast\_to  
busday\_count  
busday\_offset  
busdaycalendar  
byte  
byte\_bounds  
bytes\_  
c\_  
can\_cast  
cast  
cbrt  
cdouble  
ceil  
cfloat  
char  
character  
chararray  
choose  
clip  
clongdouble

## NumPy Functions and Attributes

clongfloat  
column\_stack  
common\_type  
compare\_chararrays  
compat  
complex128  
complex256  
complex64  
complex\_  
complexfloating  
compress  
concatenate  
conj  
conjugate  
convolve  
copy  
copysign  
copyto  
corrcoef  
correlate  
cos  
cosh  
count\_nonzero  
cov  
cross  
csingle  
ctypeslib  
cumprod  
cumproduct  
cumsum  
datetime64  
datetime\_as\_string

## NumPy Functions and Attributes

datetime\_data  
deg2rad  
degrees  
delete  
deprecate  
deprecate\_with\_doc  
diag  
diag\_indices  
diag\_indices\_from  
diagflat  
diagonal  
diff  
digitize  
disp  
divide  
divmod  
dot  
double  
dsplit  
dstack  
dtype  
e  
ediff1d  
einsum  
einsum\_path  
emath  
empty  
empty\_like  
equal  
errstate  
euler\_gamma  
exp

## NumPy Functions and Attributes

exp2  
expand\_dims  
expm1  
expm1x  
extract  
eye  
fabs  
fastCopyAndTranspose  
fft  
fill\_diagonal  
find\_common\_type  
finfo  
fix  
flatiter  
flatnonzero  
flexible  
flip  
fliplr  
flipud  
float128  
float16  
float32  
float64  
float\_  
float\_power  
floating  
floor  
floor\_divide  
fmax  
fmin  
fmod  
format\_float\_positional

## NumPy Functions and Attributes

`format_float_scientific`

`format_parser`

`frex`

`from_dlpack`

`frombuffer`

`fromfile`

`fromfunction`

`fromiter`

`frompyfunc`

`fromregex`

`fromstring`

`full`

`full_like`

`gcd`

`generic`

`genfromtxt`

`geomspace`

`get_array_wrap`

`get_include`

`get_printoptions`

`getbufsize`

`geterr`

`geterrcall`

`geterrobj`

`gradient`

`greater`

`greater_equal`

`half`

`hamming`

`hanning`

`heaviside`

`histogram`



## NumPy Functions and Attributes

histogram2d

histogram\_bin\_edges

histogramdd

hsplit

hstack

hypot

i0

identity

iinfo

imag

in1d

index\_exp

indices

inexact

inf

info

infty

inner

insert

int16

int32

int64

int8

int\_

intc

integer

interp

intersect1d

intp

invert

is\_busday

isclose

## NumPy Functions and Attributes

iscomplex  
iscomplexobj  
isfinite  
isfortran  
isin  
isinf  
isnan  
isnat  
isneginf  
isposinf  
isreal  
isrealobj  
isscalar  
issctype  
issubclass\_  
issubdtype  
issubdtype  
issubdtype  
iterable  
ix\_  
kaiser  
kernel\_version  
kron  
lcm  
ldexp  
left\_shift  
less  
less\_equal  
lexsort  
lib  
linalg  
linspace  
little\_endian

## NumPy Functions and Attributes

load  
loadtxt  
log  
log10  
log1p  
log2  
logaddexp  
logaddexp2  
logical\_and  
logical\_not  
logical\_or  
logical\_xor  
logspace  
longcomplex  
longdouble  
longfloat  
longlong  
lookfor  
ma  
mask\_indices  
mat  
math  
matmul  
matrix  
max  
maximum  
maximum\_sctype  
may\_share\_memory  
mean  
median  
memmap  
meshgrid

## NumPy Functions and Attributes

mgrid  
min  
min\_scalar\_type  
minimum  
mintypecode  
mod  
modf  
moveaxis  
msort  
multiply  
nan  
nan\_to\_num  
nanargmax  
nanargmin  
nancumprod  
nancumsum  
nanmax  
nanmean  
nanmedian  
nanmin  
nanpercentile  
nanprod  
nanquantile  
nanstd  
nansum  
nanvar  
nbytes  
ndarray  
ndenumerate  
ndim  
ndindex  
nditer

## NumPy Functions and Attributes

negative  
nested\_iters  
newaxis  
nextafter  
nonzero  
not\_equal  
numarray  
number  
obj2sctype  
object\_  
ogrid  
oldnumeric  
ones  
ones\_like  
outer  
packbits  
pad  
partition  
percentile  
pi  
piecewise  
place  
poly  
poly1d  
polyadd  
polyder  
polydiv  
polyfit  
polyint  
polymul  
polynomial  
polysub

## NumPy Functions and Attributes

polyval  
positive  
power  
printoptions  
prod  
product  
promote\_types  
ptp  
put  
put\_along\_axis  
putmask  
quantile  
r\_  
rad2deg  
radians  
random  
ravel  
ravel\_multi\_index  
real  
real\_if\_close  
rec  
recarray  
recfromcsv  
recfromtxt  
reciprocal  
record  
remainder  
repeat  
require  
reshape  
resize  
result\_type

## NumPy Functions and Attributes

right\_shift

rint

roll

rollaxis

roots

rot90

round

round\_

row\_stack

s\_

safe\_eval

save

savetxt

savez

savez\_compressed

sctype2char

sctypeDict

sctypes

searchsorted

select

set\_numeric\_ops

set\_printoptions

set\_string\_function

setbufsize

setdiff1d

seterr

seterrcall

seterrobj

setxor1d

shape

shares\_memory

short

## NumPy Functions and Attributes

show\_config  
show\_runtime  
sign  
signbit  
signedinteger  
sin  
sinc  
single  
singlecomplex  
sinh  
size  
sometrue  
sort  
sort\_complex  
source  
spacing  
split  
sqrt  
square  
squeeze  
stack  
std  
str\_  
string\_  
subtract  
sum  
swapaxes  
take  
take\_along\_axis  
tan  
tanh  
tensordot



## NumPy Functions and Attributes

test  
testing  
tile  
timedelta64  
trace  
tracemalloc\_domain  
transpose  
trapz  
tri  
tril  
tril\_indices  
tril\_indices\_from  
trim\_zeros  
triu  
triu\_indices  
triu\_indices\_from  
true\_divide  
trunc  
typecodes  
typename  
ubyte  
ufunc  
uint  
uint16  
uint32  
uint64  
uint8  
uintc  
uintp  
ulonglong  
unicode\_  
union1d

## NumPy Functions and Attributes

unique  
unpackbits  
unravel\_index  
unsignedinteger  
unwrap  
use\_hugepage  
ushort  
vander  
var  
vdot  
vectorize  
version  
void  
vsplit  
vstack  
where  
who  
zeros  
zeros\_like