

Integer number -10 -9 -3 -2 -1 0 1 2 3 4 5.....

Positive integer numbers 0 1 2 3 4 5.....

Real numbers -10 -9 -8.3 -7.2 -0.01 0 0.01 0.05 1.4 2 3 8 10

Double precision numbers: same as real numbers but they have more precision

Single : same as real numbers

uint8: 8 bit integer numbers

If you use two 3 bits

000	001	010	011	100	101	110	111
0	1	2	3	4	5	6	7

You can have $2^3=8$ different numbers

If you use two 4 bits

0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

You can have $2^4=16$ different numbers

If you use two 8 bit s you can have $2^8=256$ different numbers

Int8: 8 bit Integer number

Int16: 16 bit Integer number

Int32: 32 bit Integer number

Int64: 64 bit Integer number

uint16, uint32, uint64, int8, int16,

int32, int64, realmin, realmax, eye, ones, zeros, isfloat, isnumeric.