

## Generation Random samples

- Generation from uniform distribution between 0 and 1

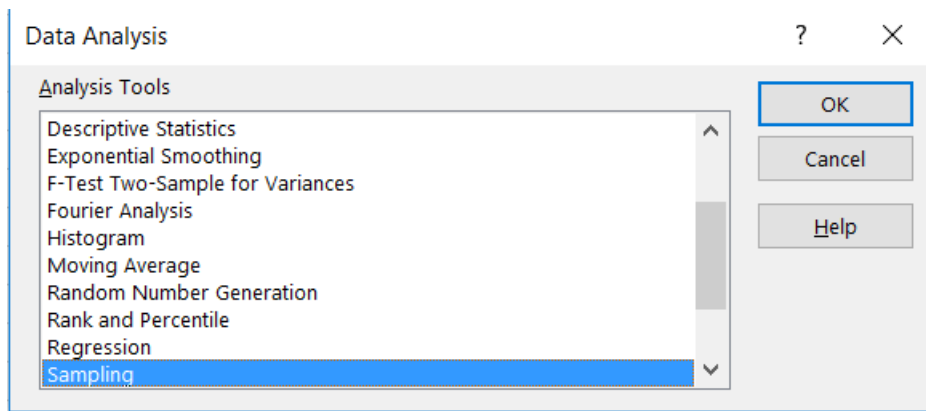
To generate a random sample between 0 and 1 follow the steps below

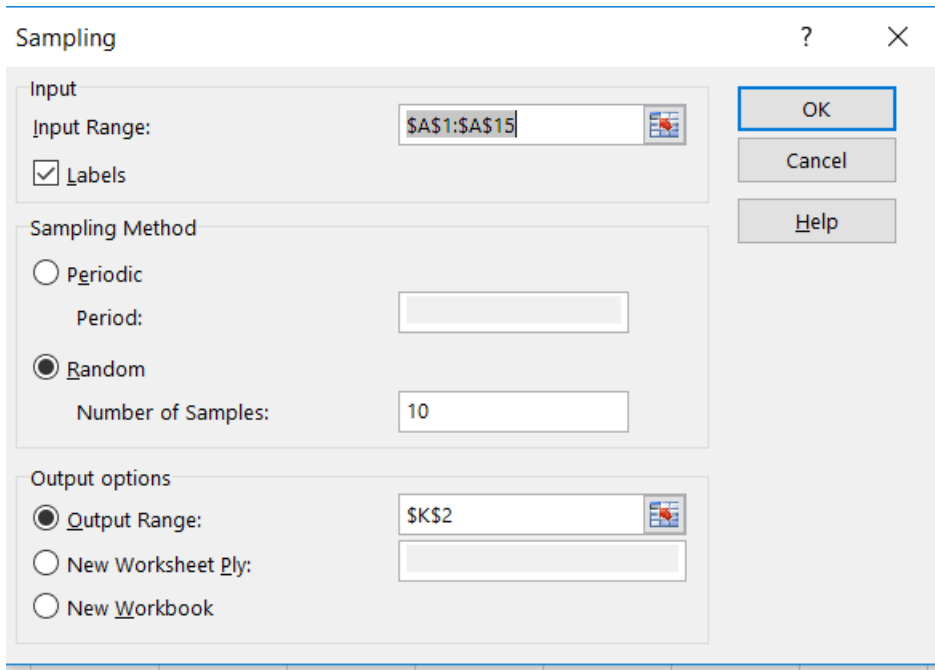
- 1- Highlight number the cells (in column A, for example) equal the sample size.
- 2- Type "=RAND()" without the quotes into the Formula bar, and then press "Ctrl-Enter" to assign random numbers to your selection.

- Random between two numbers

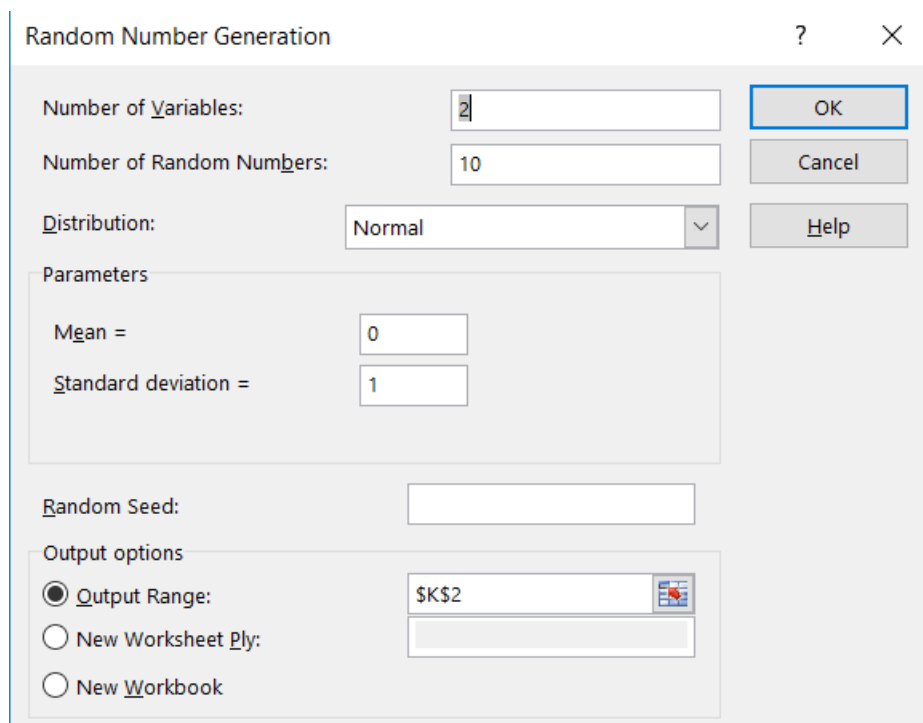
=RANDBETWEEN(a,b)

- Random sample






- Random number generation from distributions



- Rank and percentile

Rank and Percentile ? X


**Input**

Input Range:  

Grouped By:  Columns  Rows

Labels in first row

**Output options**

Output Range:  

New Worksheet Ply:

New Workbook

x		Point	x	Rank	Percent
5		9	9	1	100.00%
7		6	8	2	92.30%
4		2	7	3	84.60%
5		14	6	4	76.90%
5		1	5	5	53.80%
8		4	5	5	53.80%
2		5	5	5	53.80%
2		3	4	8	30.70%
9		10	4	8	30.70%
4		11	4	8	30.70%
4		13	3	11	23.00%
2		7	2	12	0.00%
3		8	2	12	0.00%
6		12	2	12	0.00%