



# National Workshop on Technical Writing using LaTeX

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# LATEX

Centre for Information Technology  
UPES, Dehradun



In collaboration with

Next Generation Computing Technology Society

[www.ngct.org](http://www.ngct.org)

IIT Bombay  
Spoken Tutorial

in association with

IEEE Computer Society  
Student Branch Chapter  
UPES Dehradun

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smarter  
data center

UPS

50%

# spread()

spread() turns a pair of key:value columns into a set of tidy columns.

```
> library(tidyr)
```

```
> spread(table2, key, value)
```

Source: local data frame [6 x 4]

	country	year	cases	population
	(factor)	(int)	(int)	(int)
1	Afghanistan	1999	745	19987071
2	Afghanistan	2000	2666	20595260
3	Brazil	2000	37737	172006362
4	China	1999	212258	12504898
5	China	2000	212258	1272915272
6	China	2000	213766	1280428583

