

## Difference Table

data.table	data.frame
<b>Syntax:</b> data.table()	<b>Syntax:</b> data.frame()
data.table is a rewritten form of data.frame in optimized c (or) data.table inherits from data.frame.	data.frame is the base class in R and it is the default in R.
data.table is used for more complex data structures and for big data.	data.frame is used to build small tables and matrices etc.
data.table is very much faster than a spark in many instances.	data.frame is 20 times slower than data.table
The in-built features such as rolling joins, overlapping range makes users sort out the wide range of problems.	data.frame lacks these features but it is good for beginners.
Code efficient (we can able to write less number of lines of code in data.table)	We need to write some more lines of code when compared to data.table
data.table is widely used due to its advanced features and speed and memory.	data.frame is also used but not that much of data.table and it is very good for beginners.