Mapreduce was not sufficient. It takes lots of time for processing data as it works on batch processing. So, the Spark came to over-come all the problems.

Spark uses in memory computation i.e. It takes all the data in RAM & process there where as in Hadoop first of all data is stored in hard-disk and then it is loaded to RAM for processing, which takes lots of time. If the size of RAM is less than data then most of the data is stored in RAM & rest in the harddisk. In hadoop if we want to do different tasks we have to install different tool where as Spark is can do different processing like
1. Batch processing
2. machine learning
3. Streaming data
4. Graph data processing