

Method	Mean (Length)	Time (second s)	Memory Used (MB)	File Size (MB)	Notes
Pandas (chunksize)	1019.863 4	121.12	69.90	5789.57	Very stable and memory-efficient; good balance for large data.
Dask	1019.847 4	131.78	231.02	5789.57	Parallel processing, slightly faster but uses more RAM.
Compressed CSV (gzip + chunksize)	1019.941 2	135.65	338.21 → 344.33	5789.57	Great storage reduction (-94%), but slower and higher memory from decompression.