

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