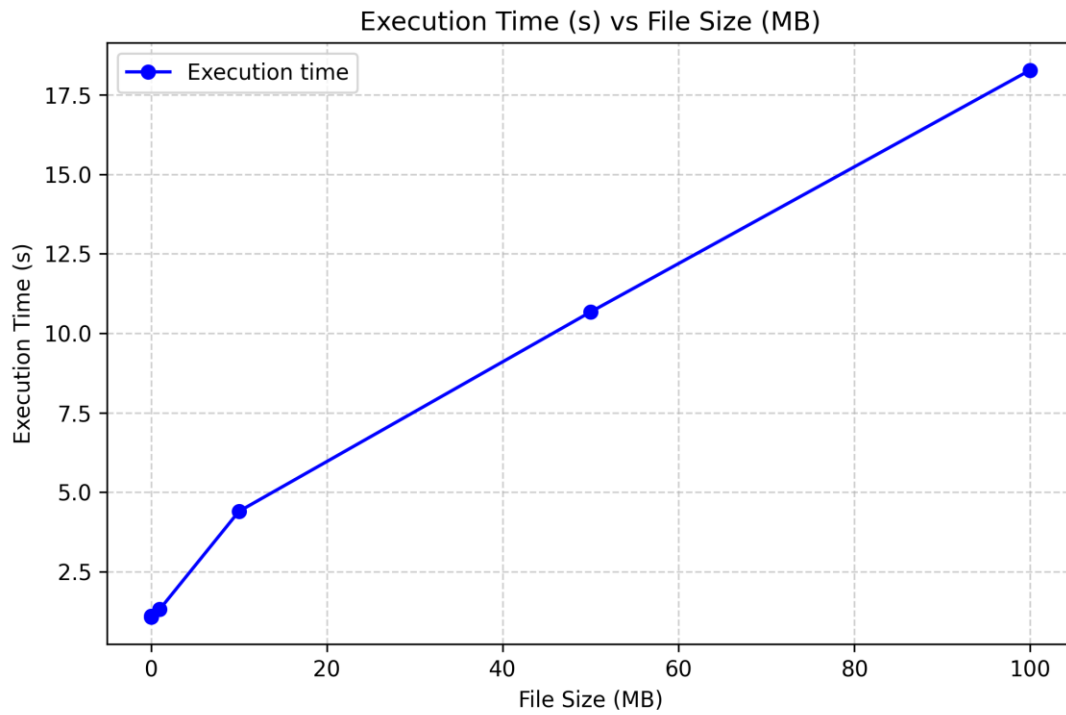Plot:

Bottleneck:

On the plot, the first two data points (256 B and 1 KB) have a steeper slope than the others. This indicates that there is a bottleneck for small files. This is probably caused by the small buffer size (256 B), as each file is sent in many small pieces. For larger files, this bottleneck isn't as significant, so the slope flattens out. Increasing the buffer size would reduce this bottleneck and make the small-file transfers faster.