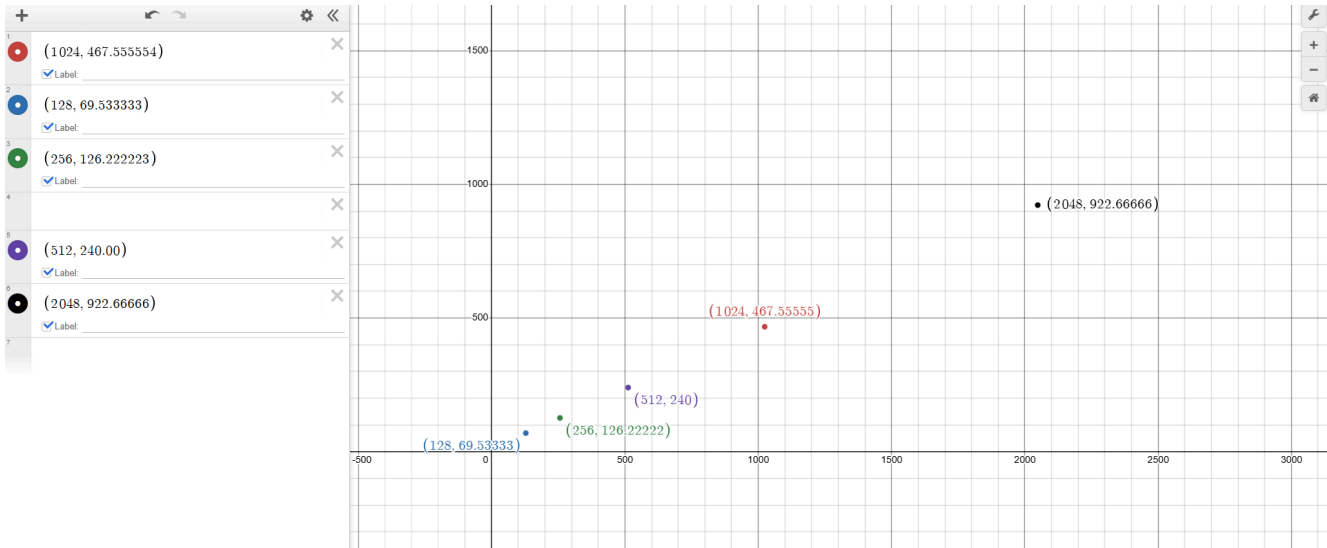
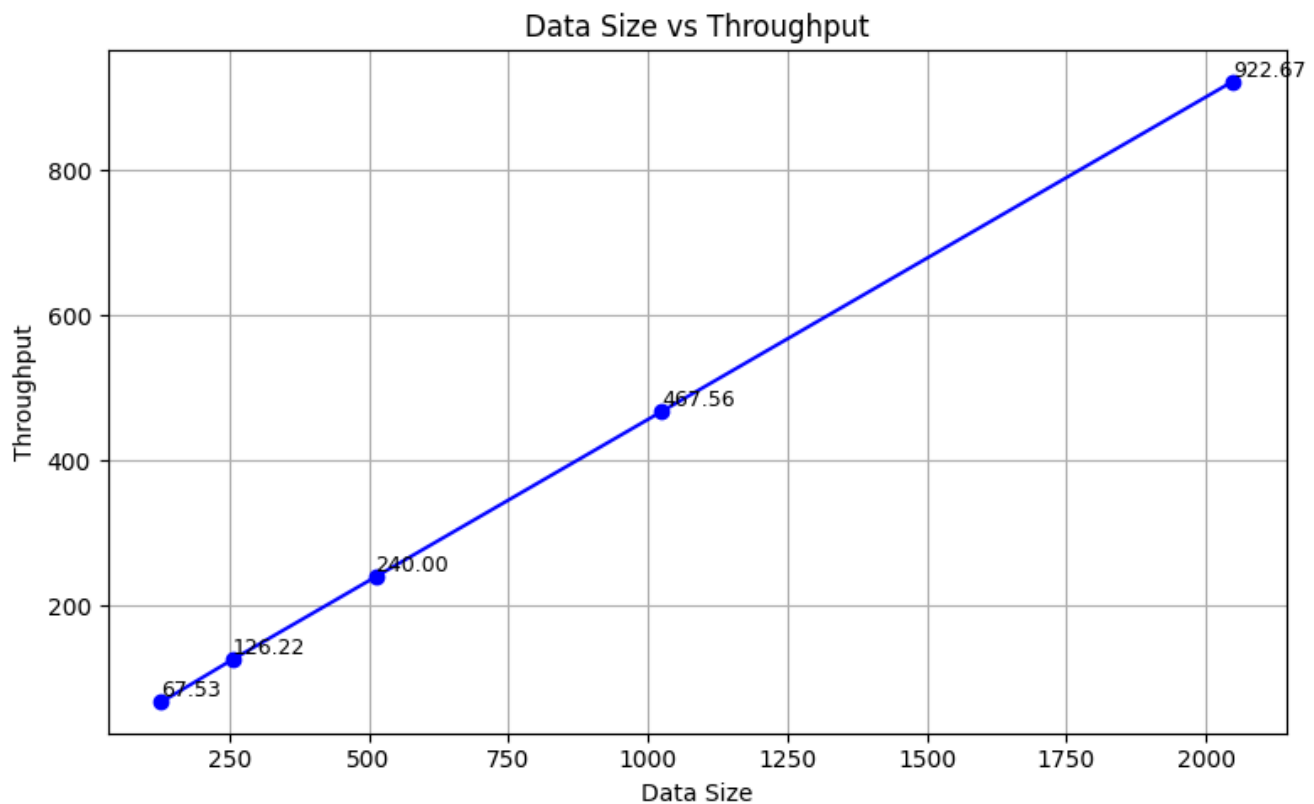


Data Size	Throughput
128	67.5333
256	126.2223
512	240.000
1024	467.5554
2048	922.6667





The graph illustrates the relationship between **Data Size** and **Throughput**. As the data size increases from 128 to 2048, the throughput rises steadily from about 67.5 to over 922.7. This indicates that the system performs more efficiently with larger data sizes, likely due to improved resource utilization or reduced overhead per data unit.

However, the increase is **not perfectly linear**. The throughput values grow slightly faster than the data size, producing a **gently upward-curving (convex)** shape rather than a straight line. This suggests a **superlinear trend**, where throughput improves at an accelerating rate as data size grows.