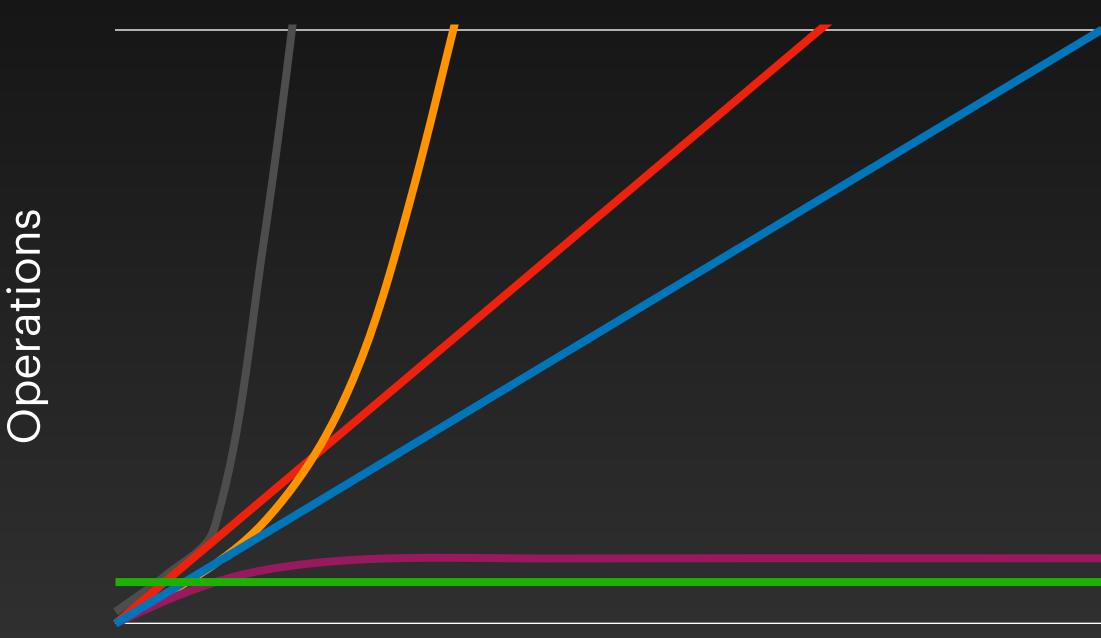


Power of 2 Complexity - also written as 2^N

O(2N) The big idea:

For each time the input grows the processing time required by the algorithm will double.

- O(1) Constant
- O(N) Linear
- O(log(N)) Logarithmic
- O(N²) Quadratic
- O(N log(N)) N Log N
- O(2^N) 2 to the power of N



Input Size