Big (0): Technic to estimate the time complexity of algorithms

* Four Rules
  + Rule 1: Always consider the worst case
  + Rule 2: Remove constants ex: O (n + 100) here when n is huge, 100 doesn’t make difference so we can remove that.
  + Rule 3: Different terms for different inputs ex: O(a+b) where a & b are param to the function.
  + Rule 4: Drop non dominants ex: O (n2 + 2n). here 2n doesn’t make any different if the number is huge so we can drop the non-dominant expression.\

IMPORTANT DS & ALGOS:

Chart, text

Description automatically generated