

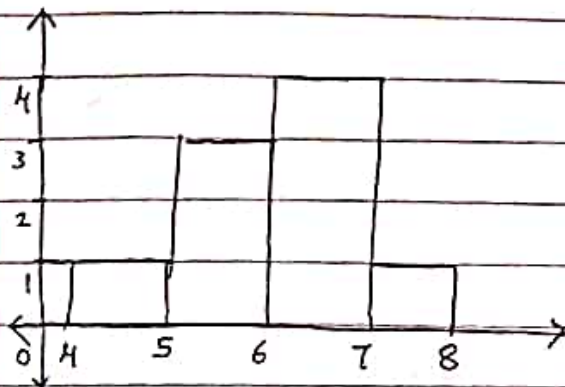
Day 3 Stats
Assignment

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* mean, median, mode in left skewed, right skewed *

Left skewed
 $\text{mode} > \text{median} > \text{mean}$

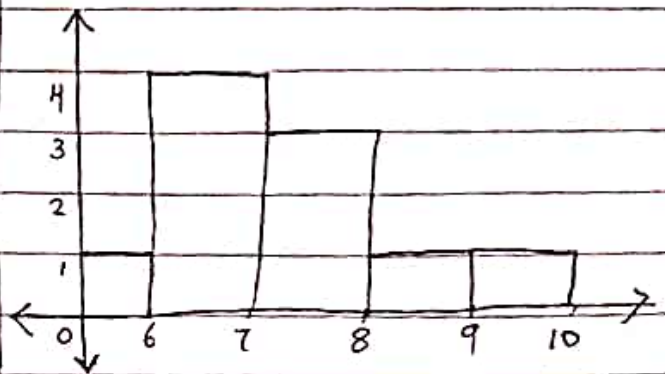
Example: $\{4, 5, 6, 6, 6, 7, 7, 7, 8\}$



mean = 6.3
median = 6.5
mode = 7
 $\therefore \text{mode} > \text{median} > \text{mean}$

Right skewed
 $\text{mode} < \text{median} < \text{mean}$

Example: $\{6, 7, 7, 7, 7, 8, 8, 8, 9, 10\}$



mean = 7.7
median = 7.5
mode = 7
 $\therefore \text{mode} < \text{median} < \text{mean}$