

Skewed and Symmetric



Symmetric

distribution of data is symmetric if the left half of its histogram is roughly a mirror image of its right half



Skewed

distribution of data is skewed if it is not symmetric and extends more to one side than the other

Skewed Left or Right



Skewed to the left

(also called negatively skewed) have a longer left tail, mean and median are to the left of the mode



Skewed to the right

(also called positively skewed) have a longer right tail, mean and median are to the right of the mode