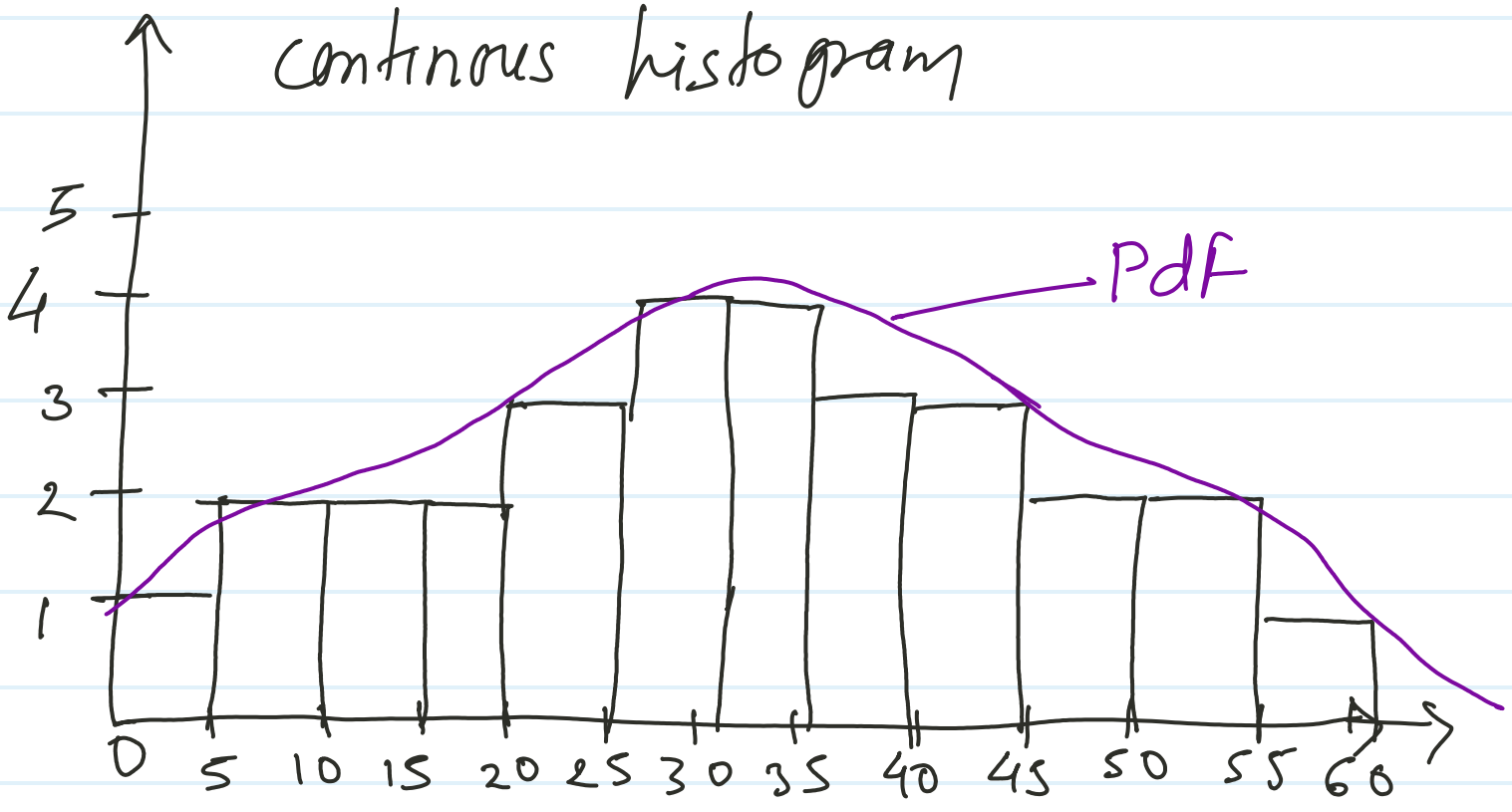
Histogram

[2, 3, 7, 8, 11, 13, 16, 20, 21, 22, 23, 26, 27, 28, 30, 31, 33, 34, 35, 37, 38, 40, 41, 44, 47, 49, 51, 52, 56]

Range = 56 - 2 = 54

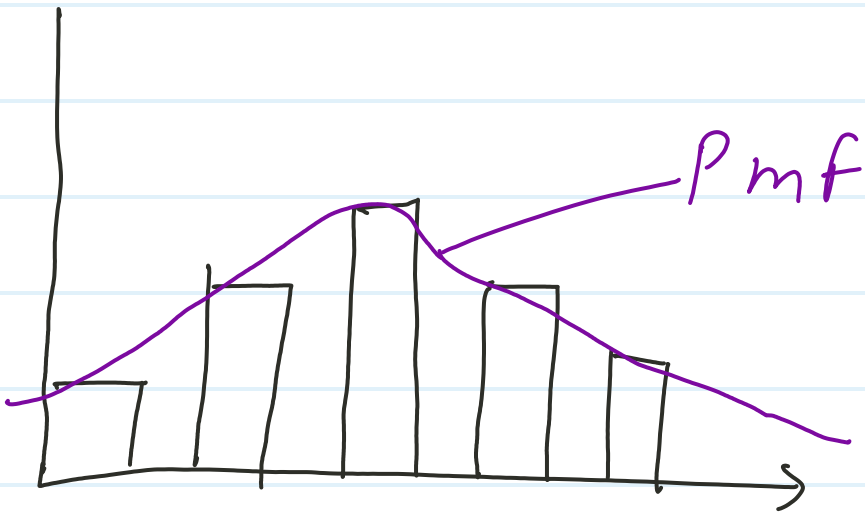
Assume bin size = 5

$$\text{no of bin} = \frac{\text{Range}}{\text{bin size}} = \frac{54}{5} = 10.8$$



Pdf = Probability density function

Descrete histogram



Pmf = Probability mass function.