

Statistics

L2.1: Frequency Distributions

Class 12 /

Group

Student name:

Data set of :

Ages of the Presidents

Number of classes: 6

Data set: Ages of the U.S. presidents at Inauguration (Source: *The White House*)

57 61 57 57 58 57 61 54 68 51 49 64 50 48 65
52 56 46 54 49 51 47 55 55 54 42 51 56 55 51
54 51 60 62 43 55 56 61 52 69 64 46 54 47 70

1- Number of the classes =

2- Range = max – min =

3- Class width = $\frac{\text{Range}}{\text{N of classes}}$ =

4- Lower and Upper limit:

Lower limit of the first class = Min value in the data set

Lower limit of the second class = Min value + Width

Upper limit of the first class = Lower limit of the second class -1

5- Tally marks to display frequencies

Σf = the total number of data set (Sample Size)

Lower limit	Upper limit

Class	Tally	Frequency
		$\Sigma f =$