

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
		$\Sigma f =$