

30 40 42 35 38 39 47 55 59 56
 32 30 40 45 52 55 48 46 50 47

Batas Kelas

30 30 32 35 38 39 40 40 42 45

46 47 47 48 50 52 55 55 56 59

Min = 30

Max = 59

Jumlah Kelas

$K = 1 + 3,3 \log 20$

$K = 1 + 3,3 (1,3)$

$K = 5$

Interval

$$C = \frac{59 - 30}{5} = \frac{29}{5}$$

$C = 5,8 = 6$

Distribusi Frekuensi

No	Interval	frekuensi
1	30 - 35	4
2	36 - 41	4
3	42 - 47	5
4	48 - 53	3
5	54 - 59	4
jumlah		20

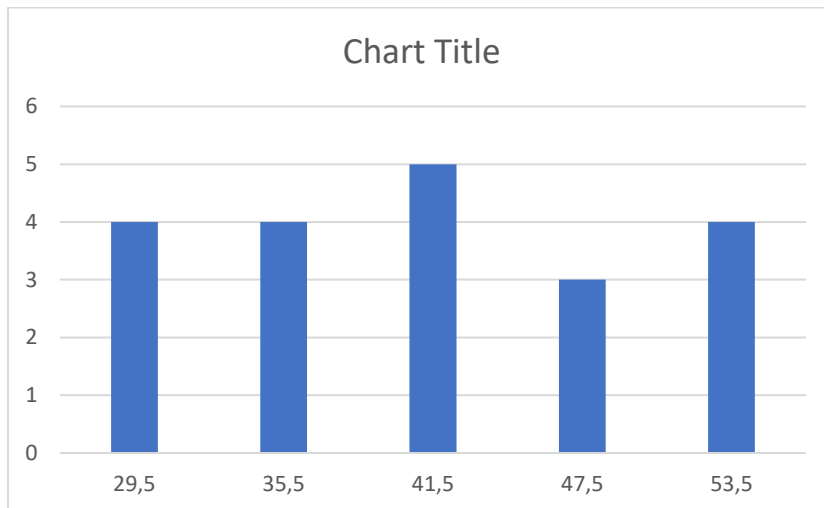
Distribusi frekuensi relatif

No	Interval	frekuensi	Frek. Relatif
1	30 - 35	4	$(4/20) \times 100$ = 20
2	36 - 41	4	$(4/20) \times 100$ = 20
3	42 - 47	5	$(5/20) \times 100$ = 25
4	48 - 53	3	$(3/20) \times 100$ = 15
5	54 - 59	4	$(4/20) \times 100$ = 20
jumlah		20	100

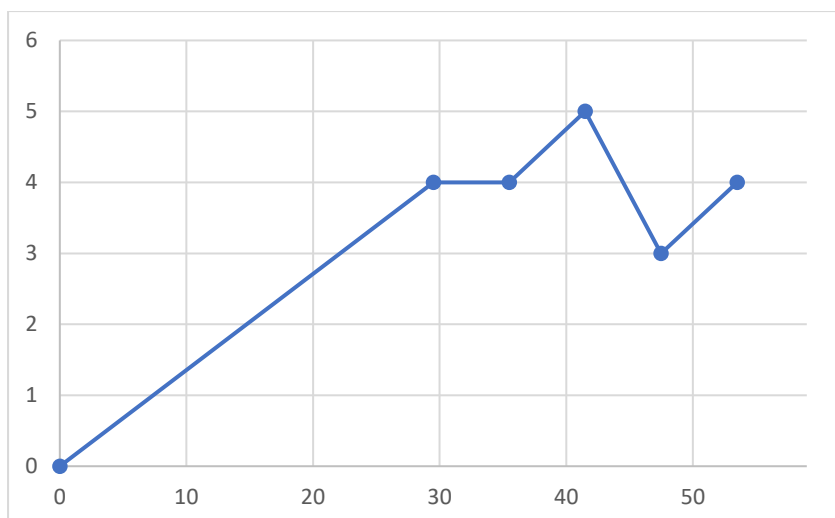
Distribusi frekuensi kumulatif

Interval	Batas Kelas	frekuensi	Frek. Kumulatif	
			kurang dari	lebih dari
			$<29,5 = 0$	
30 - 35	29,5 - 35,5	4	$<35,5 = 4$	$>29,5 = 20$
36 - 41	35,5 - 41,5	4	$<41,5 = 8$	$>35,5 = 16$
42 - 47	41,5 - 47,5	5	$<47,5 = 13$	$>41,5 = 12$
48 - 53	47,5 - 53,5	3	$<53,5 = 16$	$>47,5 = 7$
54 - 59	53,5 - 59,5	4	$<59,5 = 20$	$>53,5 = 4$
				$>59,5 = 0$
		20		

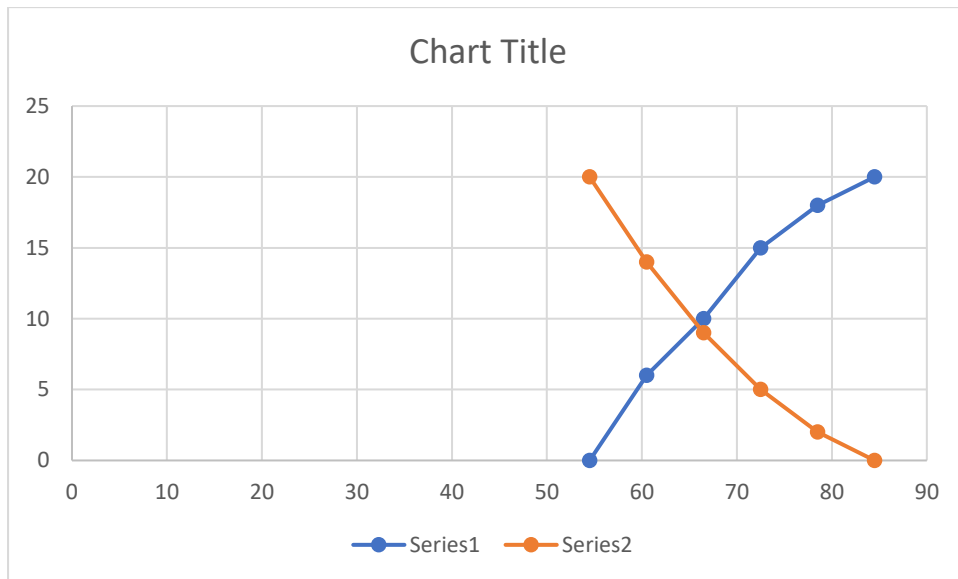
Grafik histogram



Grafik poligon



Grafik Ogive



2.

77 68 63 84 58 64 59 69 70 77
60 60 61 58 72 78 71 84 62 55

Batas Kelas

55 58 58 59 60 60 61 62 63 64

68 69 70 71 72 77 77 78 84 84

Min = 55

Max = 84

Jumlah Kelas

$K = 1 + 3,3 \log 20$

$K = 1 + 3,3 (1,3)$

$K = 5$

Interval

$$C = \frac{84 - 55}{5} = \frac{29}{5}$$

$C = 5,8 = 6$

Distribusi Frekuensi

No	Interval	frekuensi
1	55 - 60	6
2	61 - 66	4

3	67 - 72	5
4	73-78	3
5	79 - 84	2
jumlah		20

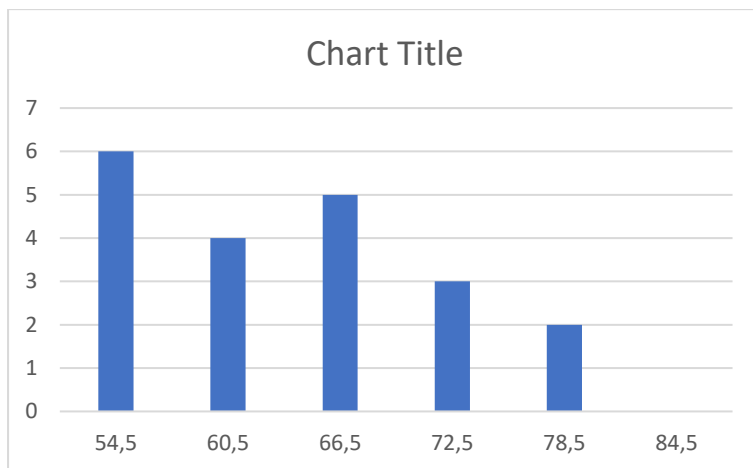
Distribusi relative

No	Interval	frekuensi	Frek. Relatif
1	55 - 60	6	$(6/20) \times 100$ = 30
2	61 - 66	4	$(4/20) \times 100$ = 20
3	67 - 72	5	$(5/20) \times 100$ = 25
4	73-78	3	$(3/20) \times 100$ = 15
5	79 - 84	2	$(2/20) \times 100$ = 10
jumlah		20	100

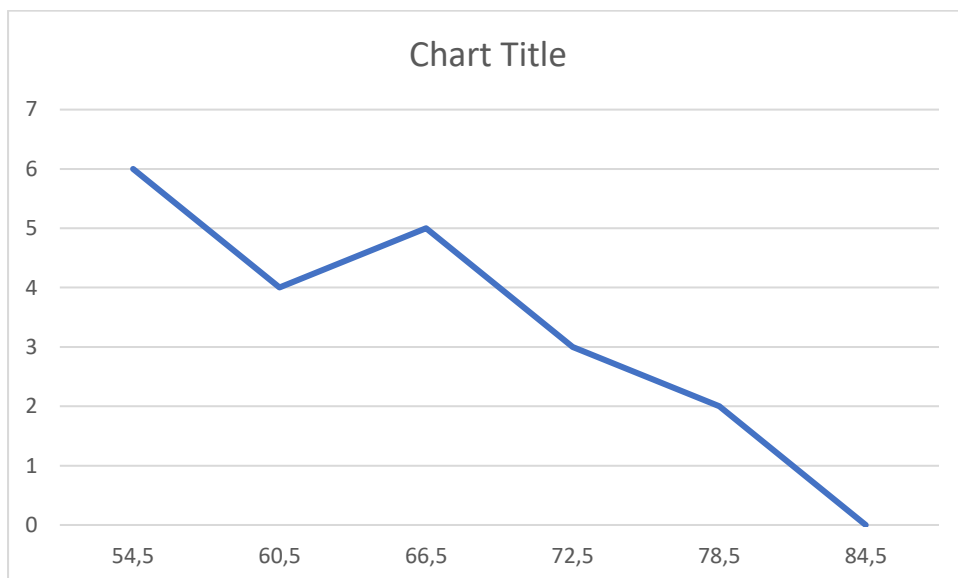
Distribusi frekuensi kumulatif

Interval	Batas Kelas	frekuensi	frek komulatif	
			kurang dari	lebih dari
			<54,5 = 0	
55 - 60	54,5 - 60,5	6	<60,5 = 6	>54,5 = 20
	60,5 - 66,5		<66,5 = 10	>60,5 = 14
61 - 66	66,5 - 72,5	5	<72,5 = 15	>66,5 = 9
	72,5 - 78,5		<78,5 = 18	>72,5 = 5
73-78	78,5 - 84,5	3	<84,5 = 20	>78,5 = 2
	84,5 - 90,5			>84,5 = 0
		20		

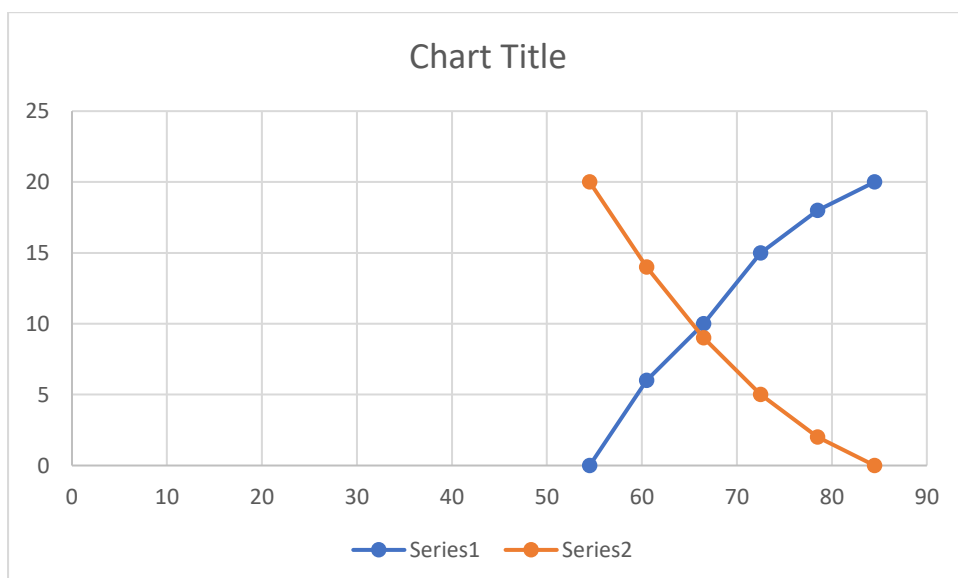
Grafik histogram



Grafik polygon



Grafik ogive



3.

34 68 56 54 58 64 20 69 69 73
66 51 19 60 24 33 45 60 90 62

Batas kelas

19 20 24 33 34 45 51 54 56 58

60 60 62 64 66 68 69 69 73 90

Min = 19

Max = 90

Jumlah Kelas

$K = 1 + 3,3 \log 20$

$K = 1 + 3,3 (1,3)$

$K = 5$

Interval

$$C = \frac{90 - 19}{5} = \frac{71}{5}$$

$C = 14,2 = 14$

Distribusi Frekuensi

No	Interval	frekuensi
1	19 – 32	3
2	33 – 46	3
3	47 – 60	6
4	61 – 74	7
5	75 - 90	1
jumlah		20

Distribusi relatif

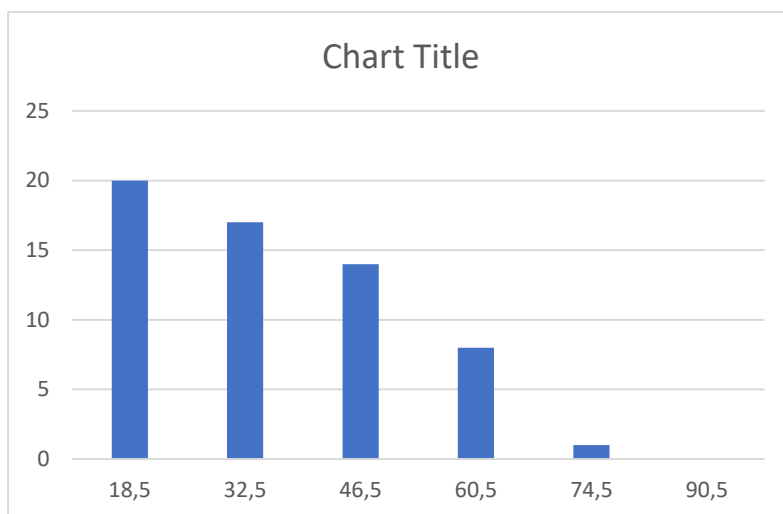
No	Interval	frekuensi	Frek. Relatif
1	19 – 32	3	(3/20) x 100 = 15
2	33 – 46	3	(3/20) x 100 = 15
3	47 – 60	6	(6/20) x 100 = 30
4	61 – 74	7	(7/20) x 100 = 35
5	75 - 90	1	(1/20) x 100 = 5
jumlah		20	100

Distribusi komulatif

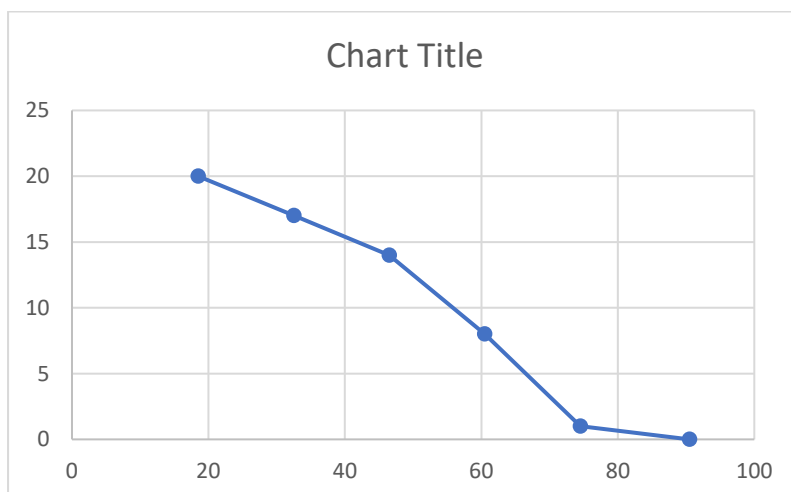
Interval	Batas Kelas	frekuensi	frek komulatif	
			kurang dari	lebih dari

			$<18,5 = 0$	
19 – 32	18,5 - 32,5	3	$<32,5 = 3$	$>18,5 = 20$
33 – 46	32,5 - 46,5	3	$<46,5 = 6$	$>32,5 = 17$
47 – 60	46,5 - 60,5	6	$<60,5 = 12$	$>46,5 = 14$
61 – 74	60,5 - 74,5	7	$<74,5 = 19$	$>60,5 = 8$
75 - 90	74,5 - 90,5	1	$<90,5 = 20$	$>74,5 = 1$
				$>90,5 = 0$
		20		

Grafik histogram



Grafik polygon



Grafik ogive

