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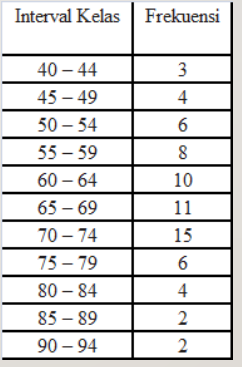
Soal No 1

|  |  |  |
| --- | --- | --- |
| **70, 80, 79,68, 90, 92, 80, 70, 83, 63, 76, 76, 61, 49, 99, 84, 82, 71, 88, 72, 74, 35, 70, 93, 88, 91, 51, 74, 73, 60, 71, 63, 72, 48, 95, 90, 82, 92, 85, 70** | | |
| **Statistics** | | |
| data | | |
| N | Valid | 40 |
| Missing | 0 |
| Mean | | 75.25 |
| Median | | 75.00 |
| Mode | | 70 |
| Std. Deviation | | 14.165 |
| Variance | | 200.654 |
| Percentiles | 25 | 70.00 |
| 50 | 75.00 |
| 75 | 87.25 |

Intepretasi

* Dari data diatas bisa didapatkan nilai rata-rata sebesar 75.25 median (nilai Tengah) sebesar 75 dan modus (nilai sering muncul) sebesar 70
* Standar deviasi dari data diadapat sebesar 14.165, artinya seberapa besar rata-rata jarak antara data dengan rata-ratanya.
* Dari nilai variance didapat 200, artinya ukuran rata-rata perbedaan nilai dari rata-rata nilainya.
* Nilai percentile 50 sebesar 75

Soal no 2:



|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Frekuensi | | | Frekuensi (fi) | Xi | Frekuensi komlatif | lower Boundary | fiXi | |xi-Xrata|kuadrat | f|xi -Xrata|kuadrat |
| 40 | - | 44 | 3 | 42 | 3 | 39.5 | 126 | 563.2265424 | 2855017.242 |
| 45 | - | 49 | 4 | 47 | 7 | 44.5 | 188 | 350.9025987 | 1970122.14 |
| 50 | - | 54 | 6 | 52 | 13 | 49.5 | 312 | 188.578655 | 1280228.729 |
| 55 | - | 59 | 8 | 57 | 21 | 54.5 | 456 | 76.25471137 | 372145.9844 |
| 60 | - | 64 | 10 | 62 | 31 | 59.5 | 620 | 13.9307677 | 19406.62888 |
| 65 | - | 69 | 11 | 67 | 42 | 64.5 | 737 | 1.606824043 | 312.4079041 |
| 70 | - | 74 | 15 | 72 | 57 | 69.5 | 1080 | 39.28288038 | 347207.5555 |
| 75 | - | 79 | 6 | 77 | 63 | 74.5 | 462 | 126.9589367 | 580268.5781 |
| 80 | - | 84 | 4 | 82 | 67 | 79.5 | 328 | 264.6349931 | 1120506.873 |
| 85 | - | 89 | 2 | 87 | 69 | 84.5 | 174 | 452.3110494 | 818341.1416 |
| 90 | - | 94 | 2 | 92 | 71 | 89.5 | 184 | 689.9871057 | 1904328.824 |
| Jumlah | | | 71 |  |  |  | 4667 |  | 11267886.1 |

|  |  |  |
| --- | --- | --- |
| Mean | 65.73239 |  |
| diketahui | LB | 64.5 |
|  | n | 71 |
|  | Fkum < | 31 |
|  | Fmed | 11 |
| Median | 66.13636 |  |
| Modus | 74.5 |  |
| variansi (S2) | 160969.8 |  |
| Std deviasi (akar S) | 401.2104 |  |