Franklin Miqueas Cutz Sohom

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| clases |  | Marca de clases | Frecuencia | Frecuencia acumulada | Frecuencia relativa |
| Lim. Inferior | Lim. Superior | Ci | fi | Fi | Ni |
| 15 | 20 | 17.5 | 4 | 4 | 0.055 |
| 20 | 25 | 22.5 | 7 | 11 | 0.096 |
| 25 | 30 | 27.5 | 9 | 20 | 0.123 |
| 30 | 35 | 32.5 | 15 | 35 | 0.205 |
| 35 | 40 | 37.5 | 18 | 53 | 0.247 |
| 40 | 45 | 42.5 | 8 | 61 | 0.110 |
| 45 | 50 | 47.5 | 6 | 67 | 0.082 |
| 50 | 55 | 52.5 | 3 | 70 | 0.041 |
| 55 | 60 | 57.5 | 2 | 72 | 0.027 |
| 60 | 65 | 62.5 | 1 | 73 | 0.014 |
|  |  |  | 73 |  | 1.000 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Liminete | Limite Sup | Xi | fi | Xi\*fi |
| 15 | 20 | 17,5 | 4 | 70 |
| 20 | 25 | 22,5 | 7 | 157,5 |
| 25 | 30 | 27,5 | 9 | 247,5 |
| 30 | 35 | 32,5 | 15 | 487,5 |
| 35 | 40 | 37,5 | 18 | 675 |
| 40 | 45 | 42,5 | 8 | 340 |
| 45 | 50 | 47,5 | 6 | 285 |
| 50 | 55 | 52,5 | 3 | 157,5 |
| 55 | 60 | 57,5 | 2 | 115 |
| 60 | 65 | 62,5 | 1 | 62,5 |
| 73 | 2597,5 |

Total= 2597,5

Total xi\*fi (2597,5)\* total fi(73)

Media=35,582

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Clases  Liminte sup | | Marca de clase | Frecuencia fi | Frecuencia acumulada Fi | Frecuencia relativa ni | F.R Acumulada Ni |
| 15 | 20 | 17,5 | 4 | 4 | 0,054794521 | 0,054794521 |
| 20 | 25 | 22,5 | 7 | 11 | 0,095890411 | 0,150684932 |
| 25 | 30 | 27,5 | 9 | 20 | 0,123287671 | 0,273972603 |
| 30 | 35 | 32,5 | 15 | 35 | 0,205479452 | 0,479452055 |
| 35 | 40 | 37,5 | 18 | 53 | 0,246557534 | 0,726027397 |
| 40 | 45 | 42,5 | 8 | 61 | 0,109589041 | 0,835616438 |
| 45 | 50 | 47,5 | 6 | 67 | 0,02191781 | 0,917808219 |
| 50 | 55 | 52,5 | 3 | 70 | 0,04109589 | 0,95890411 |
| 55 | 60 | 57,5 | 2 | 72 | 0,02739726 | 0,98630137 |
| 60 | 65 | 62,5 | 1 | 73 | 0,01369863 | 1 |

Moda=36,15

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Clases | | Marca de clase xi\*fi | Frecuencia fi | Frecuencia acumulada Fi | Frecuencia relativa ni | F.R Acumulada Ni |
| Liminete | |
| 15 | 20 | 17,5 | 4 | 4 | 0,055 | 0,055 |
| 20 | 25 | 22,5 | 7 | 11 | 0,096 | 0,151 |
| 25 | 30 | 27,5 | 9 | 20 | 0,123 | 0,274 |
| 30 | 35 | 32,5 | 15 | 35 | 0,205 | 0,479 |
| 35 | 40 | 37,5 | 18 | 53 | 0,247 | 0,726 |
| 40 | 45 | 42, 5 | 8 | 61 | 0,110 | 0,836 |
| 45 | 50 | 47,5 | 6 | 67 | 0,082 | 0,918 |
| 50 | 55 | 52,5 | 3 | 70 | 0,041 | 0,959 |
| 55 | 60 | 57,5 | 2 | 72 | 0,027 | 0,986 |
| 60 | 65 | 62,5 | 1 | 73 | 0,014 | 1,000 |

Mediana= 38,33