**ANALISIS DATA STATISTIK**

**PERHITUNGAN NILAI MEAN TERHADAP DATA**

**STANDAR DEVIASI**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **X** | **Y** | **X2** | **Y2** |
| 1 | 40 | 75 | 1600 | 5625 |
| 2 | 65 | 80 | 4225 | 6400 |
| 3 | 45 | 100 | 2025 | 10000 |
| 4 | 55 | 80 | 3025 | 6400 |
| 5 | 45 | 80 | 2025 | 6400 |
| 6 | 45 | 75 | 2025 | 5625 |
| 7 | 65 | 75 | 4225 | 5625 |
| 8 | 70 | 80 | 4900 | 6400 |
| 9 | 50 | 85 | 2500 | 7225 |
| 10 | 60 | 75 | 3600 | 5625 |
| 11 | 70 | 80 | 4900 | 6400 |
| 12 | 55 | 80 | 3025 | 6400 |
| 13 | 60 | 75 | 3600 | 5625 |
| 14 | 70 | 80 | 4900 | 6400 |
| 15 | 65 | 75 | 4225 | 5625 |
| 16 | 70 | 100 | 4900 | 10000 |
| 17 | 40 | 80 | 1600 | 6400 |
| 18 | 55 | 85 | 3025 | 7225 |
| 19 | 70 | 80 | 4900 | 6400 |
| 20 | 40 | 75 | 1600 | 5625 |
| 21 | 60 | 80 | 3600 | 6400 |
| 22 | 55 | 80 | 3025 | 6400 |
| 23 | 70 | 95 | 4900 | 9025 |
| 24 | 65 | 70 | 4225 | 4900 |
| 25 | 40 | 80 | 1600 | 6400 |
| 26 | 65 | 75 | 4225 | 5625 |
| 27 | 50 | 75 | 2500 | 5625 |
| 28 | 65 | 80 | 4225 | 6400 |
| **JUMLAH** | **1605** | **2250** | **95125** | **182200** |

1. Mencari mean *pretest* (x) dan *posttest* (y)
2. Nilai Standar Deviasi Kuadrat X dan Y
3. Mencari standar deviasi mean kuadrat dari *posttest* dan *pretest :*
4. Nilai SDbm

Setelah hasil perhitungan di atas selanjutnya gunakan rumus t-test :

= 9,420