|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | x | y | xy | x^2 |
|  | 3.8 | 35 | 133 | 14.44 |
|  | 1.9 | 24 | 45.6 | 3.61 |
|  | 7.8 | 86 | 670.8 | 60.84 |
|  | 6.9 | 76 | 524.4 | 47.61 |
|  | 1.1 | 17 | 18.7 | 1.21 |
|  | 5.1 | 47 | 239.7 | 26.01 |
|  | 7.7 | 85 | 654.5 | 59.29 |
|  | 3.3 | 42 | 138.6 | 10.89 |
|  | 8.3 | 81 | 672.3 | 68.89 |
|  | 9.2 | 88 | 809.6 | 84.64 |
|  | 6.1 | 67 | 408.7 | 37.21 |
|  | 3.5 | 30 | 105 | 12.25 |
|  | 2.7 | 25 | 67.5 | 7.29 |
|  | 5.5 | 60 | 330 | 30.25 |
|  | 2.7 | 30 | 81 | 7.29 |
|  | 8.5 | 75 | 637.5 | 72.25 |
|  | 2.5 | 21 | 52.5 | 6.25 |
|  | 4.8 | 54 | 259.2 | 23.04 |
|  | 8.9 | 95 | 845.5 | 79.21 |
|  | 4.5 | 41 | 184.5 | 20.25 |
| SUM: | 104.8 | 1079 | 6878.6 | 672.72 |

|  |  |
| --- | --- |
| y = mx+b |  |
| ∑y=m∑x+n.b…………………………………….i) |  |
| …………….……ii)     |  | | --- | |  | |  |

Using i)

1079= 104.8m + 20b

From ii)

6878.6 = 672.72m+104.8b

Solving the two equations we get: