

ACTIVIDAD # 5:

Fecha: 18/02/21 Date: _____

| N-A | f | X ₀ | fX ₀ | d = x ₀ - x̄ | (d) ² | f(x ₀ - x̄) ² | (x ₀ - x̄) ³ | f(x ₀ - x̄) ³ | (x ₀ - x̄) ⁴ | f(x ₀ - x̄) ⁴ | |
|--------|----|----------------|-----------------|-------------------------|------------------|-------------------------------------|------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|--|
| 61-70 | 5 | 65.5 | 327.5 | -7.5 | 56.25 | -5,359.38 | -267.96 | 93,789.46 | 4687.965 | 21,640.6 | |
| 71-80 | 10 | 75.5 | 755 | -7.5 | 56.25 | -421.88 | -4218.8 | 3164.06 | 31640.6 | 585.96 | |
| 81-90 | 15 | 85.5 | 1282.5 | 2.5 | 6.25 | 15.62 | 234.3 | 39.06 | 585.96 | 244.1406 | |
| 91-100 | 10 | 95.5 | 955 | 12.5 | 156.25 | 1953.13 | 24,914.06 | 745,312.4 | 745,312.4 | 11,050.1 | |
| | | 3320 | | | | | | | | | |

| (x ₀ - x̄) ⁵ | f(x ₀ - x̄) ⁵ |
|------------------------------------|-------------------------------------|
| -1671,308.57 | -8,206,542.95 |
| -237,30.47 | -237,304.7 |
| 97.66 | 1464.9 |
| 305,175.78 | 3,051,257.8 |
| -5,390,624.95 | |

Melvin Samayoa
Act. 5 Sto. Abdon.

$$\bar{X} = \frac{3320}{40} = 83$$

$$M/95 = \frac{5290624.95}{40} = 132265.62$$

$$MK^2 = \frac{3750}{40} = 93.75$$

$$MK^3 = \frac{281.25}{40} = 7.03125$$

$$MK^4 = \frac{745.3124}{40} = 18.63281$$