

## Linear Regression Calculation

### Calculation Steps and Results

Number of data points (N): 10

Sum of X (sum\_x): 73.65

Sum of Y (sum\_y): 173.5

Sum of X\*Y (sum\_xy): 1286.2600000000002

Sum of X^2 (sum\_x2): 562.4355

Slope (m): 0.42155649706923126

Intercept (b): 14.245236399085083