

1. Fit the regression plane for the data below:

x	5	4	3	2	1
y	3	-2	-1	4	0
z	15	-8	-1	26	8

Hint: - Let $y = a + bx + cz$

Normal 3-Equations:

$$\sum y = a * n + b * \sum x + c * \sum z$$

$$\sum xy = a * \sum x + b * \sum x^2 + c * \sum xz$$

$$\sum zy = a * \sum z + b * \sum xz + c * \sum z^2$$