Linear Regression:

X Y

-2 -1

1 1

3 2

Y=AX+B

A=N∑XY - ∑X∑Y/N∑X\*\*2-(∑X)\*\*2

B=1/N[∑Y-A∑X]

X Y XY X\*\*2

-2 -1 2 4

1 1 1 1

3 2 6 9

∑X=2 ∑Y=2 ∑XY=9 ∑X\*\*2=2=14

A=3(9)-2\*2/3\*14-4

=27-4/42-4

=23/38

B=1/