

ASSIGNMENT # 5MACHINE LEARNING

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DATA POINTS

$$\{(0, 2), (1, 3), (2, 1)\}$$

$$\bar{x} = 1$$

$$\bar{y} = 2$$

$$s_x^2 = \frac{2}{3}$$

$$s_y^2 = \frac{2}{3}$$

$$s_{xy} = \frac{1}{3}$$

$$r = -\frac{1}{2}$$

$$a = 2.5$$

$$b = -\frac{1}{2}$$