Valor Esperado 
$$E(x)$$

$$E(x) = \sum_{i=1}^{n} x_i P(x_i x_i)$$

Propriedades:

$$E(CX) = CE(X)$$

$$E(CX) = \sum_{i=1}^{\infty} C_{X_i} p(X=X_i) = CE(X)$$

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$$= CE(X)$$

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$$= CE(X)$$

$$= CE(X)$$

$$iii) E(aX+b) = aE(X)+b, a \in b \quad constantes.$$

$$E(aX+b) = \underbrace{E(ax+b)P(X=x;)}_{i=1} = \underbrace{E(aX+b)P(X=x;)}_{i=1} = \underbrace{E(x)+b}_{i=1}$$

$$E[X] - E[2XE(X)] + E[E(X)] - B$$

$$E[X] - 2E(X)E(X) + E[X] = B^{(0)}$$

$$E(x^2) - 2E(x)^2 + E(x)^2 =$$