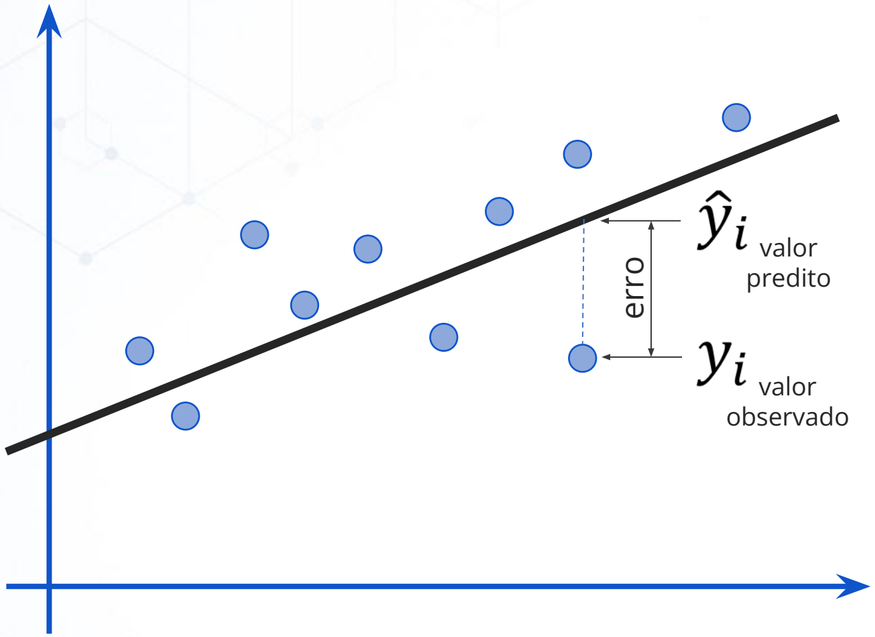
MÉTRICAS DE REGRESSÃO



MAE – Erro Médio Absoluto

$$MAE = \frac{1}{n}\sum_{i=1}^{n} |\hat{y}_i - y_i|$$

MSE – Erro Quadrático Médio

$$MSE = \frac{1}{n}\sum_{i=1}^{n} (\hat{y}_i - y_i)^2$$

R2 – R Quadrado

$$R^2 = 1 - \frac{\sum_{i=1}^{n}(\hat{y}_i - y_i)^2}{\sum_{i=1}^{n}(\bar{y}_i - y_i)^2}$$

RMSE – Raiz do Erro Quadrático Médio

$$RMSE = \sqrt{\frac{1}{n}\sum_{i=1}^{n} (\hat{y}_i - y_i)^2}$$

MAPE – Erro Médio Absoluto Percentual

$$MAPE = \frac{1}{n}\sum_{i=1}^{n} \frac{|\hat{y}_i - y_i|}{y_i}$$

RMSLE – Raíz do Log do Erro Quadrático Médio

$$RMSLE = \sqrt{\frac{1}{n}\sum_{i=1}^{n} \left(\log\frac{(\hat{y}_i + 1)}{(y_i + 1)}\right)^2}$$