

Solutions

2.1 A A primary key uniquely identifies a record; a foreign key relates records. In prediction, leakage can expose information unavailable at the real decision time. Accuracy alone may hide an unbalanced target distribution.

2.2 $\text{accuracy} = 72/80 \times 100 = 90\%$.

2.3 False. High accuracy is not evidence of fairness or causal understanding. A database primary key is not simply whichever field looks important.

2.4 primary key. primary key means An attribute set uniquely identifying a record.

3.1 Baseline accuracy 95%, recall 0%. Second model has TP=4, FN=1, FP=10, TN=85: accuracy 89%, recall 80%. Accuracy alone hides minority performance; evaluation design and error costs matter.