

IBM

PMCA Strategy

Balancing Data: Simple Sampling Strategies

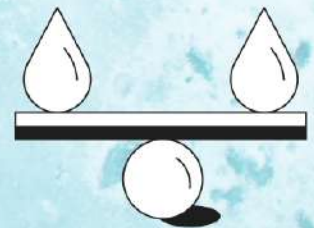
Data balance is crucial for accurate analysis. Learn easy sampling strategies for balanced data and better analyses.



Balancing data ensures fair representation of each category for accurate modeling.

Challenges of Imbalanced Data:

- Biased predictions
- Poor generalization
- Difficulty in minority class detection
- Misleading accuracy metrics



Best Practices:

- Understand data distribution and imbalance.
- Evaluate sampling techniques' impact on models.
- Use cross-validation for robust models.

Balanced data improves model performance for better decision-making.