

Imbalanced classifications pose a challenge for predictive modeling/as most of the machine learning algorithms (used for classification) were designed around the assumption of an equal number of examples for each class. This results in models that have poor predictive performance, specifically for the minority class. This is a problem because typically, the minority class is more important and therefore the problem is more sensitive to classification errors for the minority class than the majority class.

- Imbalanced 문제를 극복하는 방법: sample의 개수가 많은 범주의 sample 개수를 sample의 개수가 적은 범주의 sample 개수만큼 줄인다.