

# Resampling

Resampling Method is a statical method that is used to generate new data points in the dataset by randomly picking data points from the existing dataset. It helps in creating new synthetic datasets for training machine learning models and to estimate the properties of a dataset when the dataset is unknown, difficult to estimate, or when the sample size of the dataset is small.

**Two common methods of Resampling are**

1. Cross Validation
2. Bootstrapping