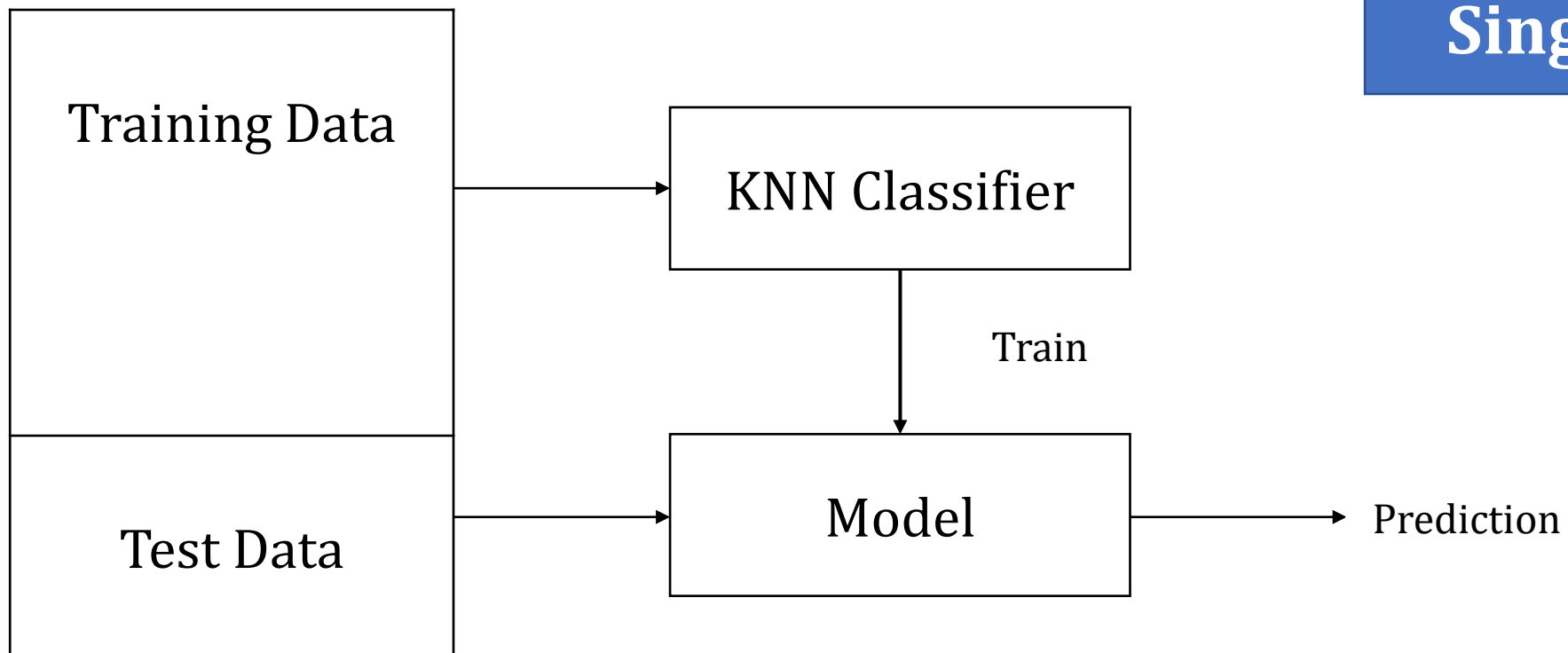


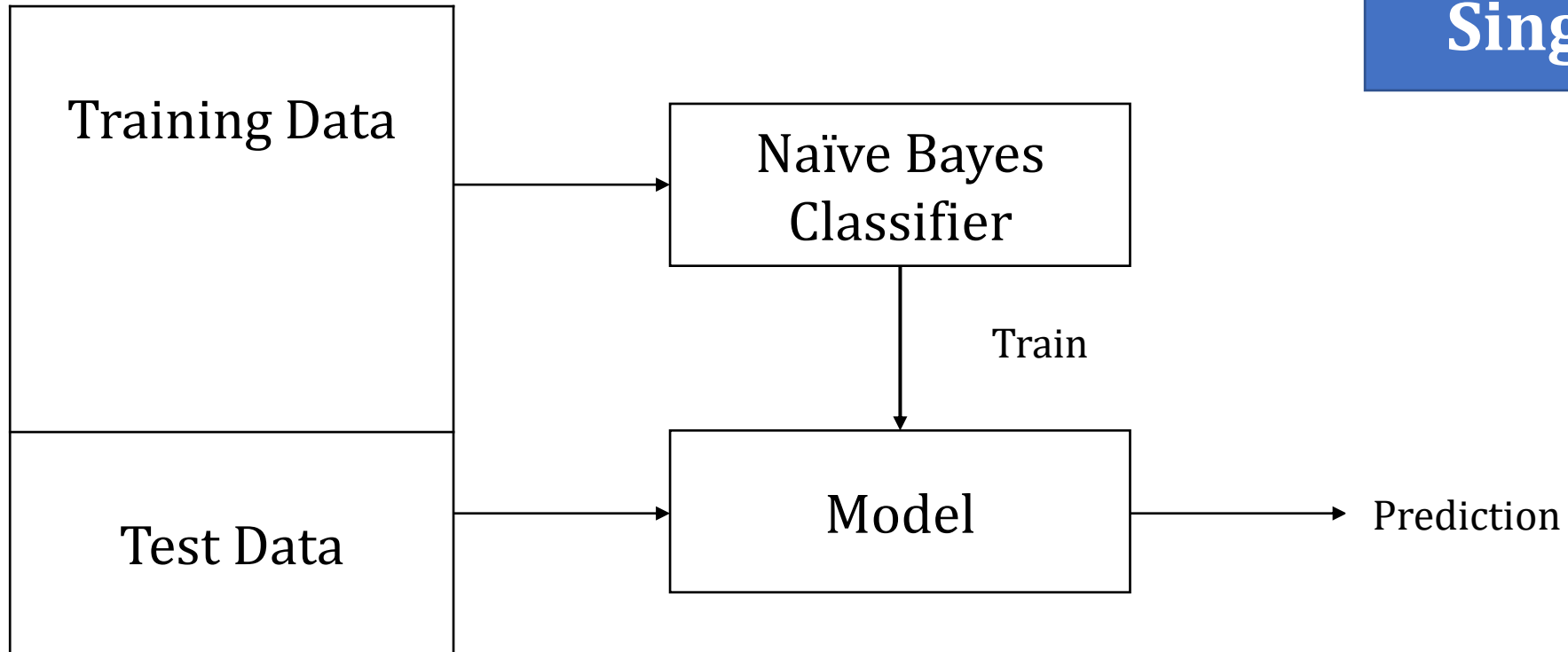
Ensemble Learning

In machine learning, ensemble methods use multiple learning algorithms to obtain better predictive performance than could be obtained from any of the constituent learning algorithms alone.

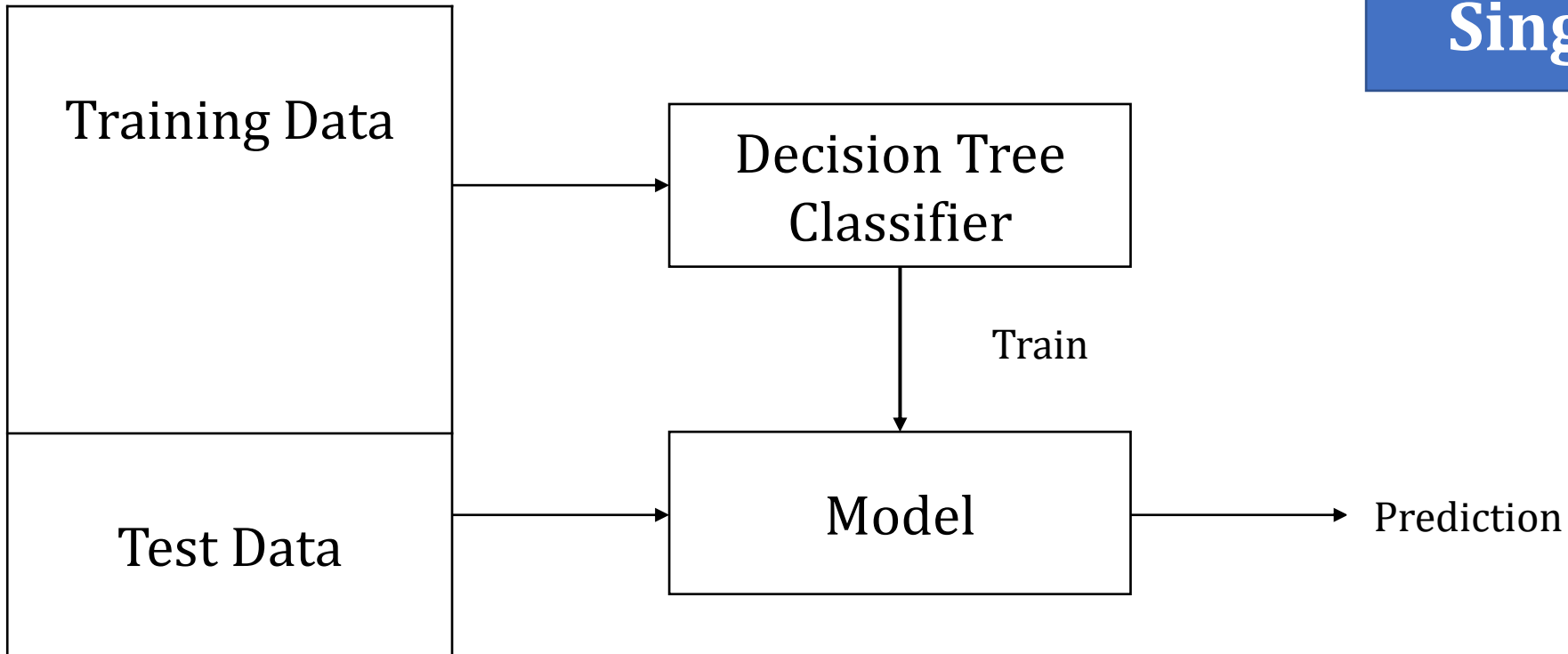
Single Learner



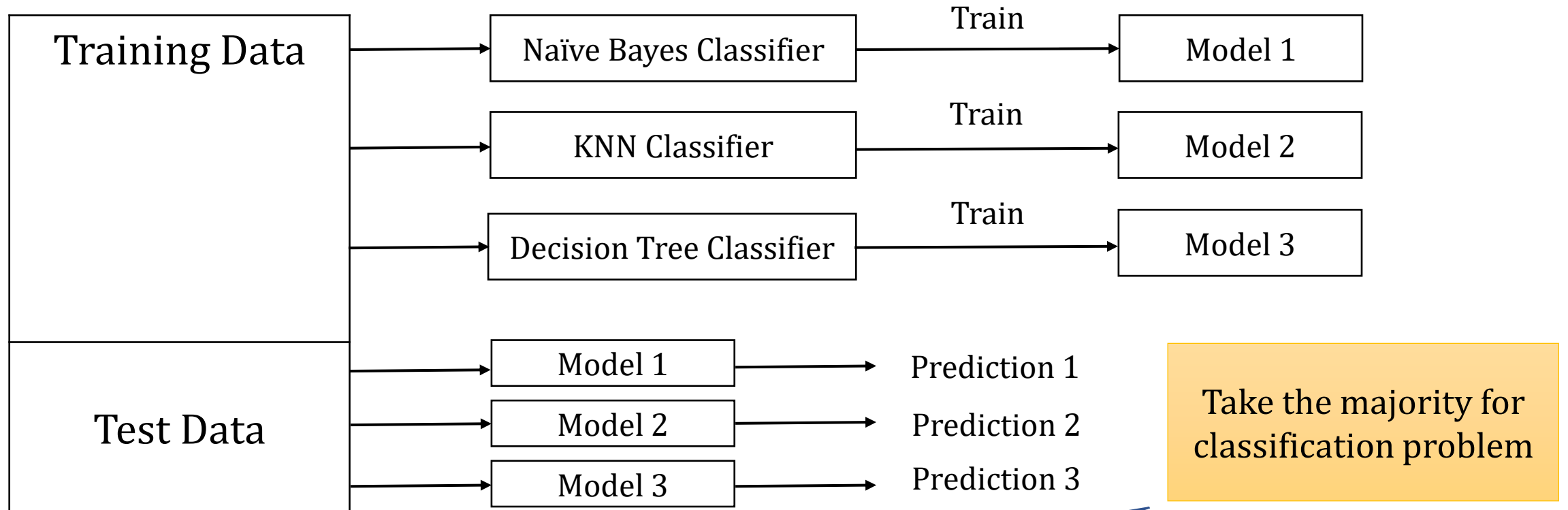
Single Learner



Single Learner



Ensemble Learner



If ensemble learning is done for regression, average of the predictions can be taken.

Example of Ensemble methods

- Random Forest
- AdaBoost
- Gradient Boosting