

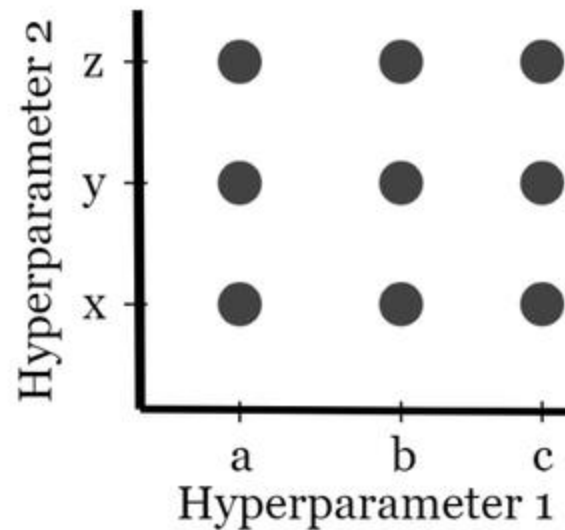
Hyperparameter Tuning Method

Hyperparameter Tuning Method

Grid Search

Pseudocode

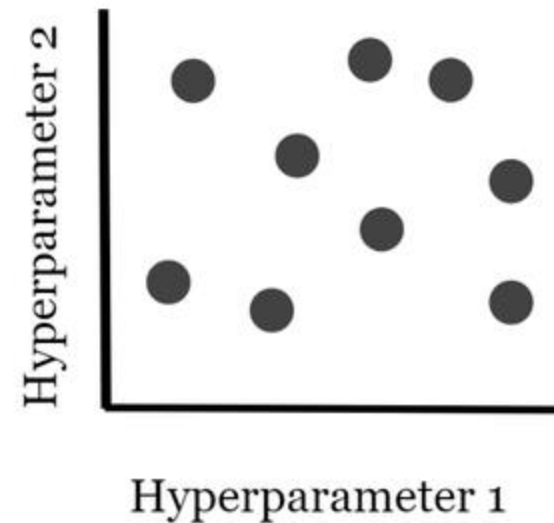
```
Hyperparameter_One = [a, b, c]  
Hyperparameter_Two = [x, y, z]
```



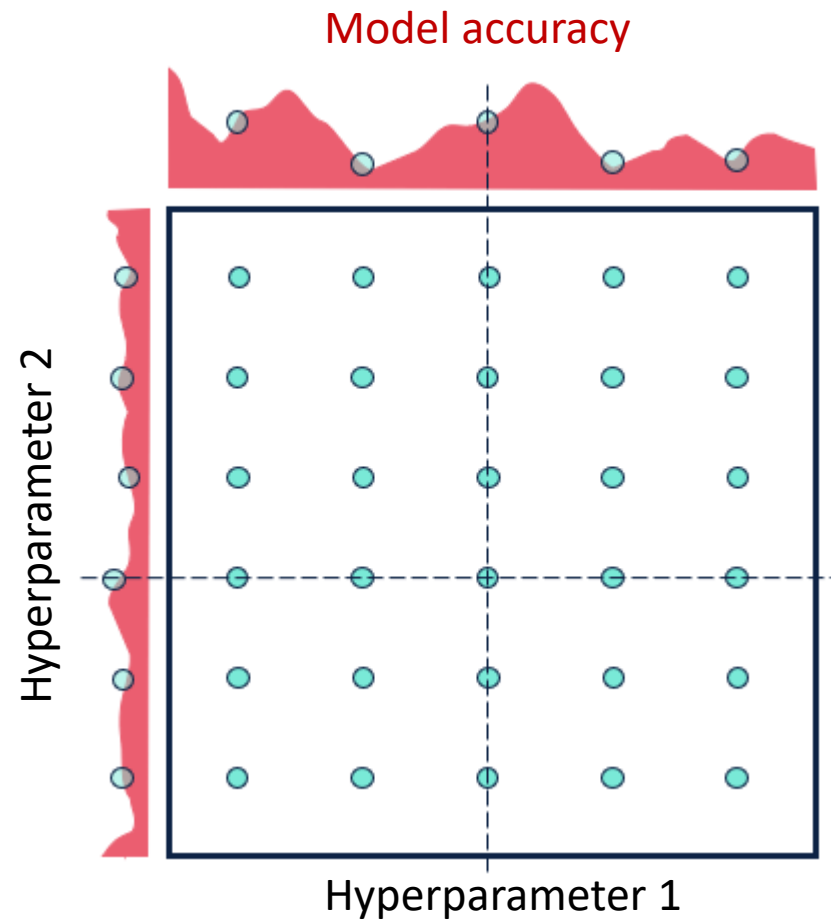
Random Search

Pseudocode

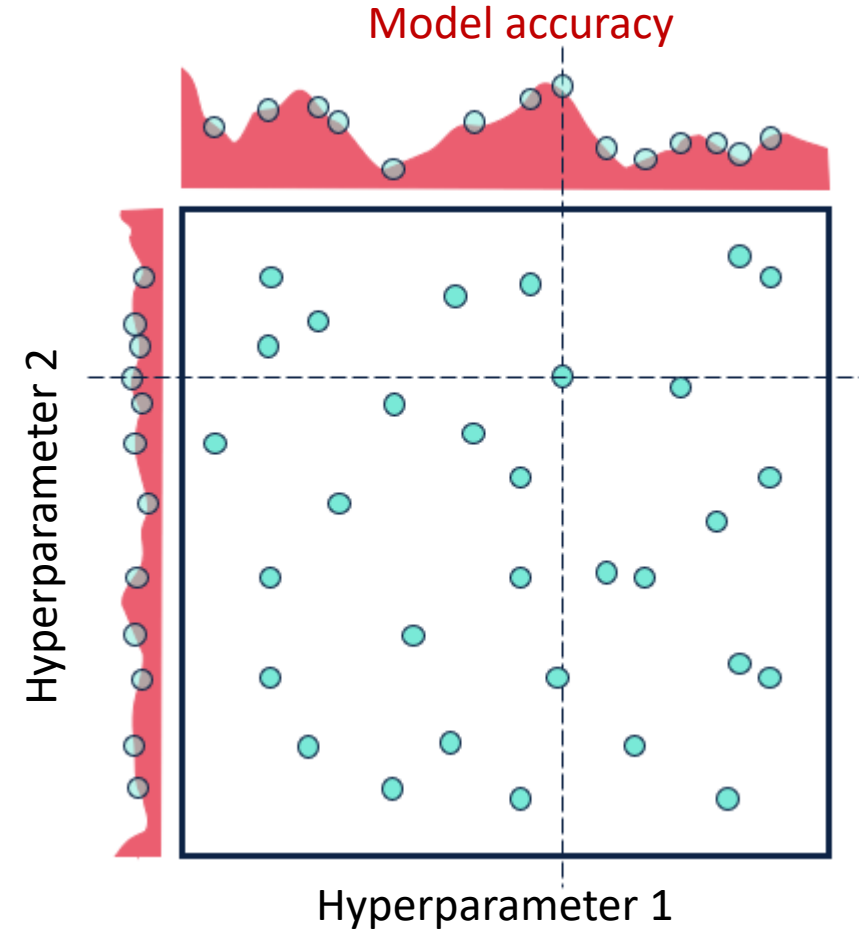
```
Hyperparameter_One = random.num(range)  
Hyperparameter_Two = random.num(range)
```



Hyperparameter Tuning Method



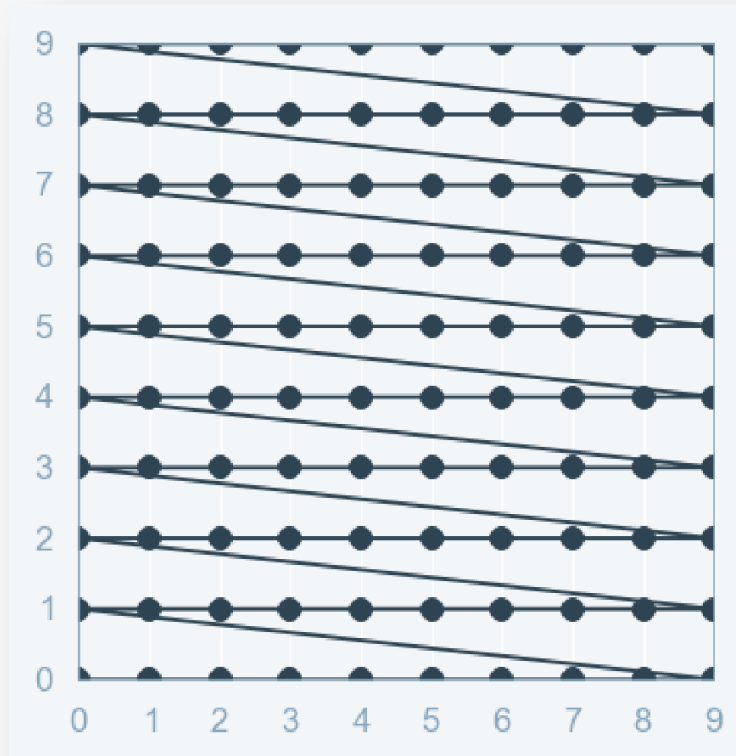
Grid Search



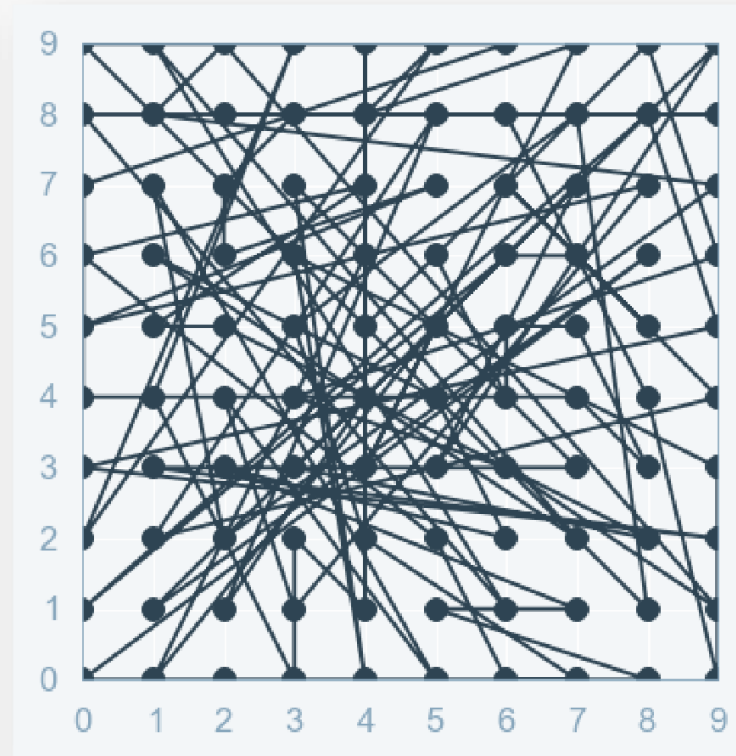
Random Search

Hyperparameter Tuning Method

The Computing Process of Uninformed Searches

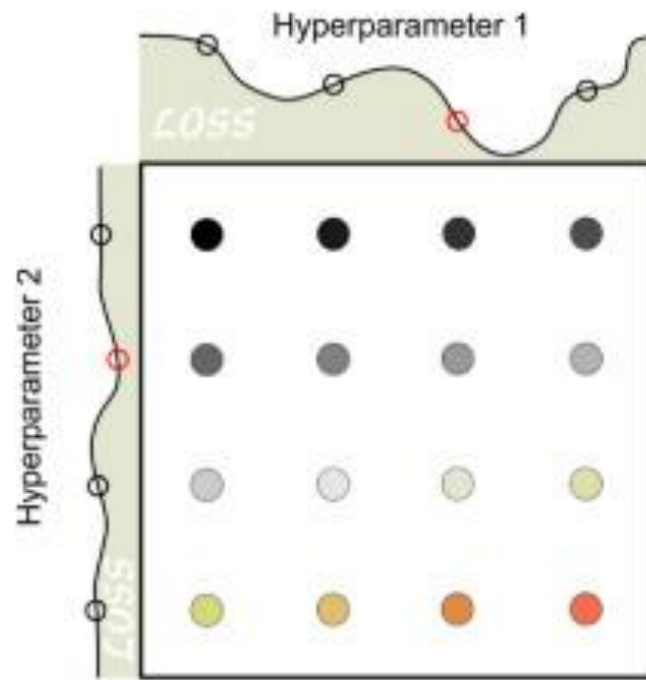


Grid Search

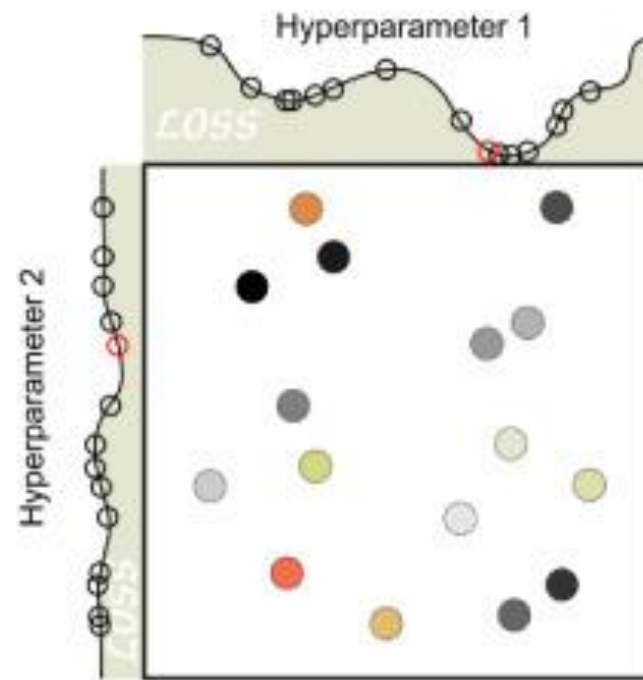


Random Search

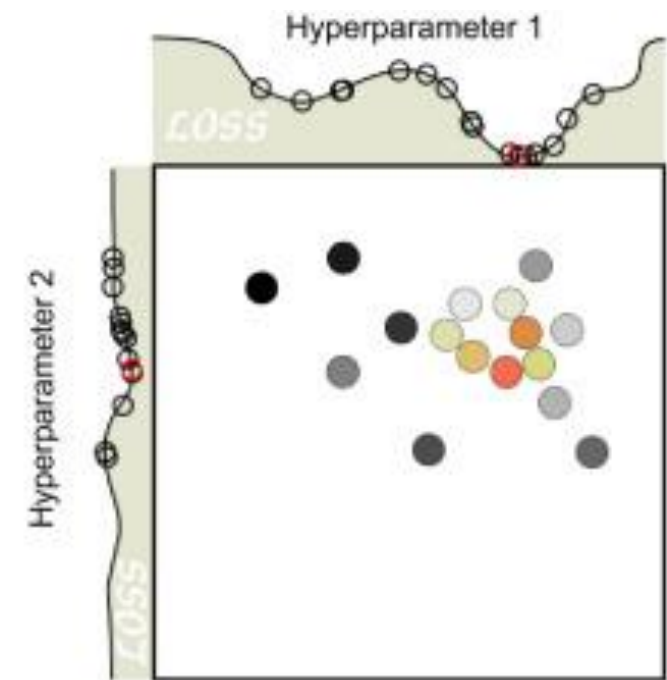
Hyperparameter Tuning Method



Grid Search



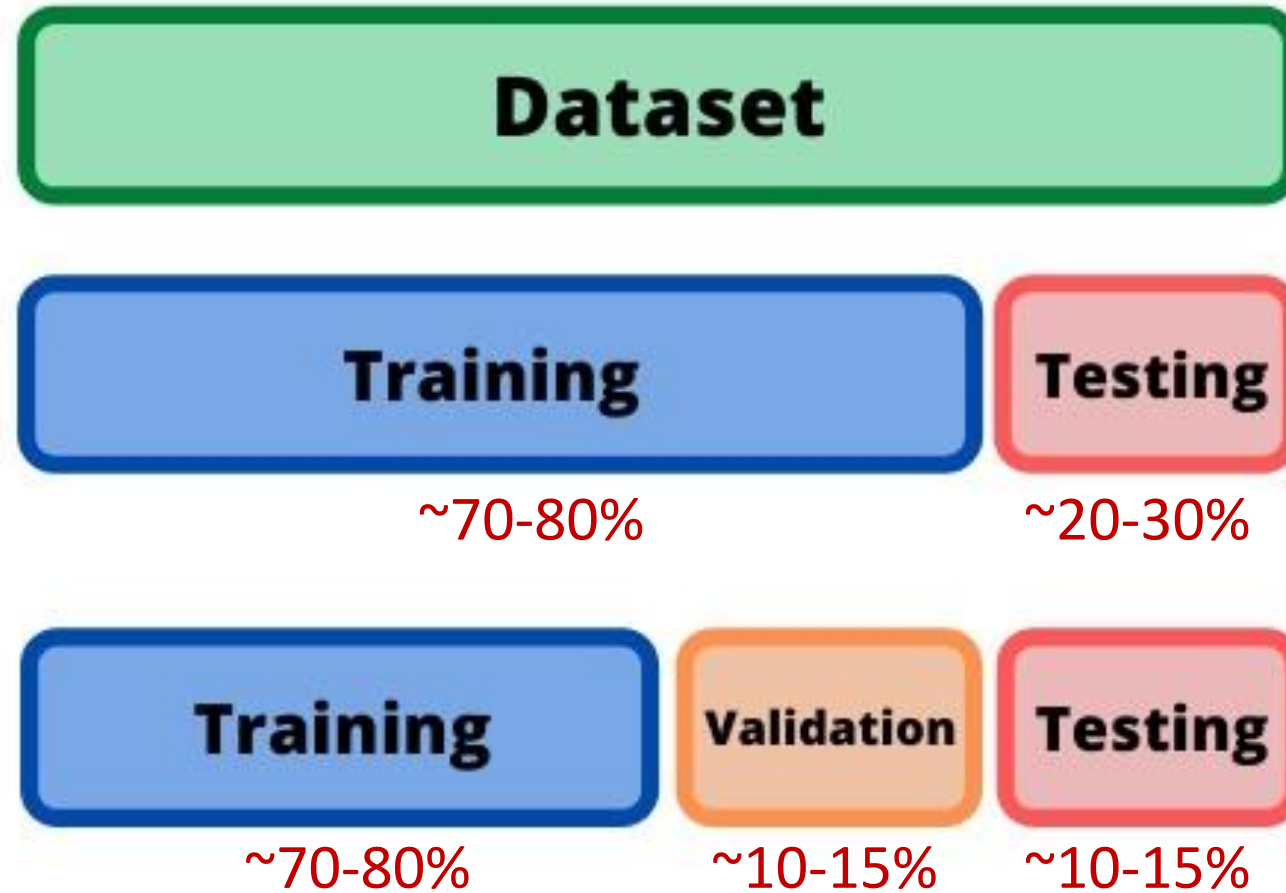
Random Grid Search



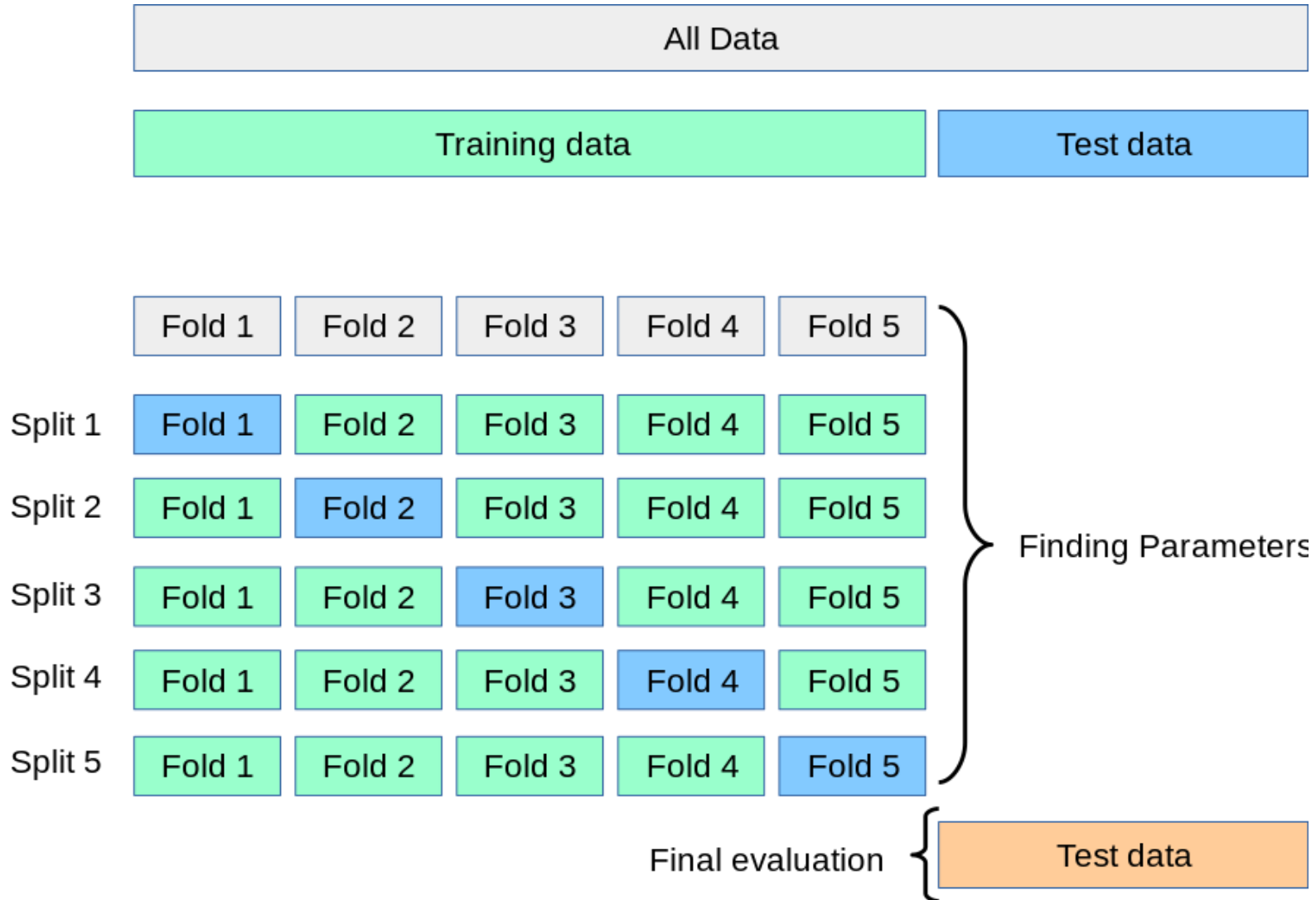
Bayesian Optimization

K-Fold Cross Validation

Data Splitting

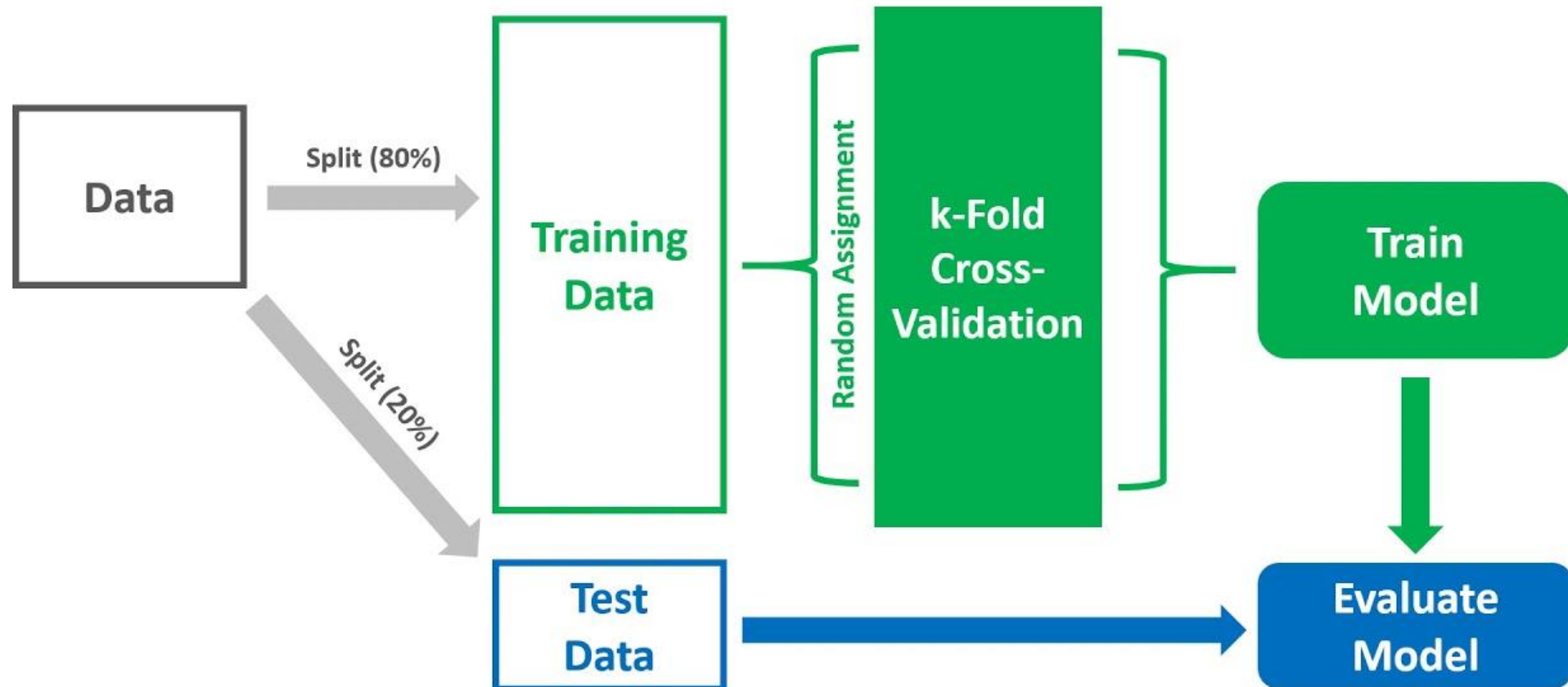


K-Fold Cross Validation



K-Fold Cross Validation

Example: k-Fold Cross-Validation



Thank you for your attention