```
O do fit (X-train, y-train)
                                               CART3 Algorithm
max _ depth = 25
max - features = None -
                               max - features = X train. shape[1]
 ourrent_depth = 0 < 25
      GINI = 1 - \sum_{i=1}^{n} c_{i} for X_{-train}
      best_feature_id
                         ⇒ find_best_spht(?
       best-gain
       best-sprit-value
  find_best_spht
  initial best-feature_id = None best-gain = 0
n_ teamves => np. random. choice >> randomly handle with data.
    epoch s
                                        reature_i'd in epoch
do
   feanture values => X_train [: , feature_id]
   unique-feauture-vakes => delete repeated values
 best - gain = 0 best-spht - value = None
                                              delete Special Condition
 遍历 unique - feauture - values
```

多为 left night 計算 GINI 以及比較 GINI 小頂豆新 best-gin

更新 best-feature-id, best-gain, best-sphiz-vale

best-gain>0 今左在海棚分别tit.