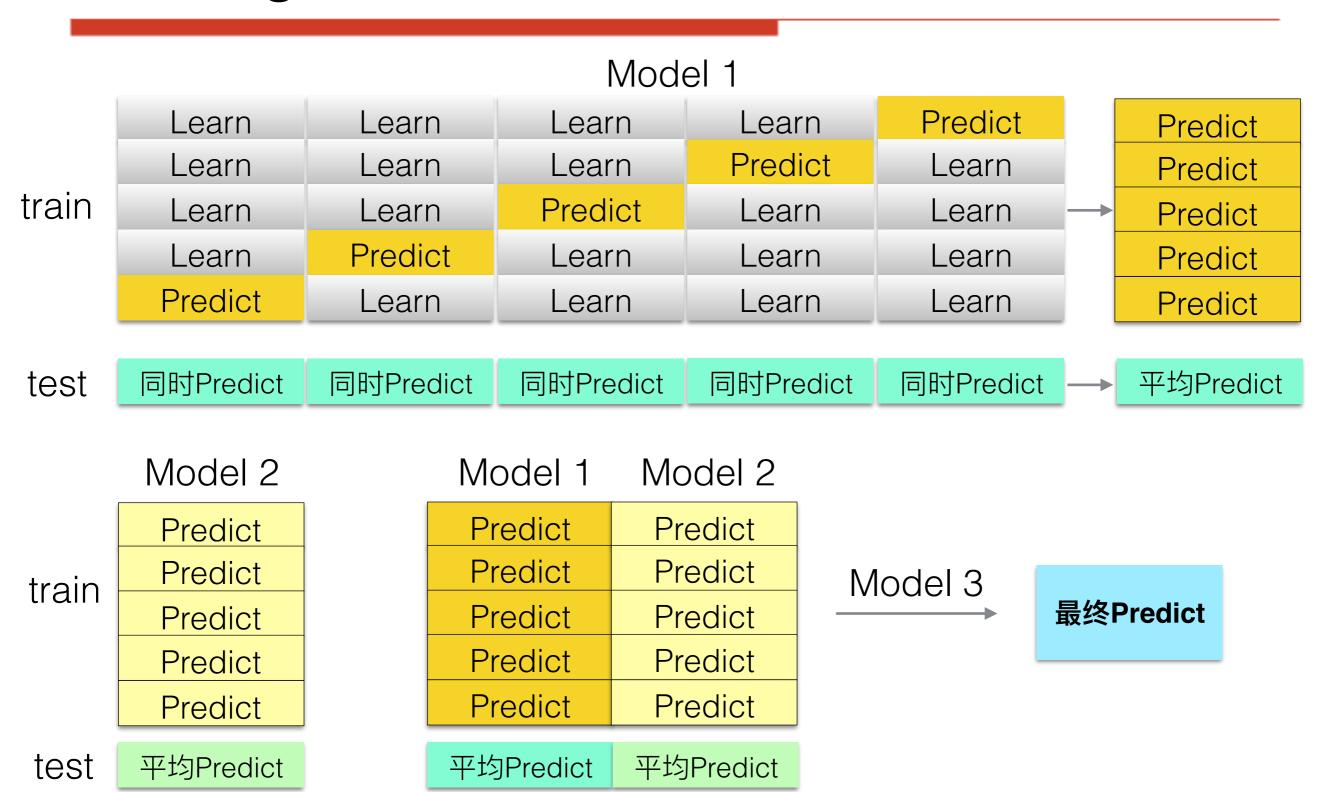


```
输入: 训练集 D = \{(\boldsymbol{x}_1, y_1), (\boldsymbol{x}_2, y_2), \dots, (\boldsymbol{x}_m, y_m)\};
         初级学习算法 \mathfrak{L}_1,\mathfrak{L}_2,\ldots,\mathfrak{L}_T;
          次级学习算法 £.
过程:
 1: for t = 1, 2, ..., T do
 2: h_t = \mathfrak{L}_t(D);
 3: end for
 4: D' = \emptyset;
 5: for i = 1, 2, ..., m do
 6: for t = 1, 2, ..., T do
 7: z_{it} = h_t(\boldsymbol{x}_i);
 8: end for
 9: D' = D' \cup ((z_{i1}, z_{i2}, \dots, z_{iT}), y_i);
10: end for
11: h' = \mathfrak{L}(D');
 输出: H(x) = h'(h_1(x), h_2(x), \dots, h_T(x))
```

图 8.9 Stacking 算法





安装:

pip install mlxtend conda install mlxtend

