2016.10.31

师兄看下我后面加的一些维度是否可行。

目前的47个特征是：

距离信息只有一位（还有待细化）

Freature[0]: Distance

优惠券折扣信息（45维）

Freature[1]: discount0point2

Freature[2]: discount0point5

Freature[3]: discount0point6

Freature[4]: discount0point7

Freature[5]: discount0point75

Freature[6]: discount0point8

Freature[7]: discount0point85

Freature[8]: discount0point9

Freature[9]: discount0point95

Freature[10]: discount5point1

Freature[11]: discount10point1

Freature[12]: discount10point5

Freature[13]: discount20point1

Freature[14]: discount20point5

Freature[15]: discount20point10

Freature[16]: discount30point1

Freature[17]: discount30point1

Freature[18]: discount30point5

Freature[19]: discount30point10

Freature[20]: discount30point20

Freature[21]：discount50point1

Freature[22]：discount50point5

Freature[23]：discount50point10

Freature[24]：discount50point20

Freature[25]：discount50point30

Freature[26]：discount100point1

Freature[27]：discount100point5

Freature[28]：discount100point10

Freature[29]：discount100point20

Freature[30]：discount100point30

Freature[31]：discount100point50

Freature[32]：discount150point1（sql语句应该此处有笔误，写成了discount100point1）

Freature[33]：discount150point10

Freature[34]：discount150point20

Freature[35]：discount150point30

Freature[36]：discount150point50

Freature[37]：discount200point5

Freature[38]：discount200point10

Freature[39]：discount200point20

Freature[40]：discount200point30

Freature[41]：discount200point50

Freature[42]：discount200point100

Freature[43]：discount300point10

Freature[44]：discount300point20

Freature[45]：discount300point30

Freature[46]：discount300point50

无折扣信息（这个应该过滤掉了吧，使用的训练集中应该都是有折扣信息的吧）

Freature[47]：discount0point0

觉得可以距离加几维（28维，似于分组）

(case when Distance =1 then 1 else 0 end)as Distance1,\

(case when Distance=2 then 1 else 0 end)as Distance2,\

(case when Distance=3 then 1 else 0 end)as Distance3,\

(case when Distance=4 then 1 else 0 end)as Distance4,\

(case when Distance=5 then 1 else 0 end)as Distance5,\

(case when Distance=6 then 1 else 0 end)as Distance6,\

(case when Distance=7 then 1 else 0 end)as Distance7,\

(case when Distance=8 then 1 else 0 end)as Distance8,\

(case when Distance=9 then 1 else 0 end)as Distance9,\

(case when Distance=10 then 1 else 0 end)as Distance10,\

(case when Distance <=1 then 1 else 0 end)as Distanceless1,\

(case when Distance >1 then 1 else 0 end)as Distancegreater1,\

(case when Distance<=2 then 1 else 0 end)as Distanceless2,\

(case when Distance>2 then 1 else 0 end)as Distancegreater2,\

(case when Distance<=3 then 1 else 0 end)as Distanceless3,\

(case when Distance>3then 1 else 0 end)as Distancegreater3\

(case when Distance<=4 then 1 else 0 end)as Distanceless4,\

(case when Distance>4then 1 else 0 end)as Distancegreater4\

(case when Distance<=5 then 1 else 0 end)as Distanceless5,\

(case when Distance>5then 1 else 0 end)as Distancegreater5\

(case when Distance<=6 then 1 else 0 end)as Distanceless6,\

(case when Distance>6then 1 else 0 end)as Distancegreater6\

(case when Distance<=7 then 1 else 0 end)as Distanceless7,\

(case when Distance>7then 1 else 0 end)as Distancegreater7\

(case when Distance<=8 then 1 else 0 end)as Distanceless8,\

(case when Distance>8then 1 else 0 end)as Distancegreater8\

(case when Distance<=9 then 1 else 0 end)as Distanceless9,\

(case when Distance>9then 1 else 0 end)as Distancegreater9\

折扣信息上也可以根据Discount\_rate0，Discount\_rate1两个字段分别细化，（增加16维）

(case when Discount\_rate0=5 then 1 else 0 end)as discountover5,

(case when Discount\_rate0=10 then 1 else 0 end)as discountover10,

(case when Discount\_rate0=20 then 1 else 0 end)as discountover20,

(case when Discount\_rate0=30 then 1 else 0 end)as discountover30,

(case when Discount\_rate0=50 then 1 else 0 end)as discountover50,

(case when Discount\_rate0=100 then 1 else 0 end)as discountover100

(case when Discount\_rate0=150 then 1 else 0 end)as discountover150

(case when Discount\_rate0=200 then 1 else 0 end)as discountover200

(case when Discount\_rate0=300 then 1 else 0 end)as discountover300

(case when Discount\_rate1=1 then 1 else 0 end)as discountminus1

(case when Discount\_rate1=5 then 1 else 0 end)as discountminus5

(case when Discount\_rate1=10 then 1 else 0 end)as discountminus10,

(case when Discount\_rate1=20 then 1 else 0 end)as discountminus20,

(case when Discount\_rate1=30 then 1 else 0 end)as discountminus30,

(case when Discount\_rate1=50then 1 else 0 end)as discountminus50,

(case when Discount\_rate1=100 then 1 else 0 end)as discountminus100,

还应该可以加上用户和商家交互信息的那几维。