



The Insurance Company (TIC) Benchmark

Detailed Data Description

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DISCLAIMER

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This dataset has been used in the CoLL Challenge 2000 datamining competition. For papers describing results on this dataset, see the TIC 2000 homepage:
<http://www.wi.leidenuniv.nl/~putten/library/cc2000/>

REFERENCE

P. van der Putten and M. van Someren (eds). CoLL Challenge 2000: The Insurance Company Case. Published by Sentient Machine Research, Amsterdam. Also a Leiden Institute of Advanced Computer Science Technical Report 2000-09. June 22, 2000.

RELEVANT FILES

TICDATA2000.txt:

Dataset to train and validate prediction models and build a description (5822 customer records). Each record consists of 86 attributes, containing sociodemographic data (attribute 1-43) and product ownership (attributes 44-86). The sociodemographic data is derived from zip codes. All customers living in areas with the same zip code have the same sociodemographic attributes. Attribute 86, "CARAVAN: Number of mobile home policies", is the target variable.

TICEVAL2000.txt:

Dataset for predictions (4000 customer records). It has the same format as TICDATA2000.txt, only the target is missing. Participants are supposed to return the list of predicted targets only. All datasets are in tab delimited format.

The meaning of the attributes and attribute values is given below.

TICTGTS2000.txt

Targets for the evaluation set.

DATADICIONARY

Nr Name Description Domain

1 MOSTYPE Customer Subtype see L0

2 MAANTHUI Number of houses 1 – 10

3 MGEMOMV Avg size household 1 – 6

4 MGEMLEEF Avg age see L1

5 MOSHOOFD Customer main type see L2

6 MGODRK Roman catholic see L3

7 MGODPR Protestant ...

8 MGODOV Other religion

9 MGODGE No religion

10 MRELGE Married

11 MRELSA Living together

12 MRELOV Other relation

13 MFALLEEN Singles

14 MFGEKIND Household without children

15 MFWEKIND Household with children

16 MOPLHOOG High level education

17 MOPLMIDD Medium level education

18 MOPLLAAG Lower level education

19 MBERHOOG High status

20 MBERZELF Entrepreneur

21 MBERBOER Farmer

22 MBERMIDD Middle management

23 MBERARBG Skilled labourers

- 24 MBERARBO Unskilled labourers
- 25 MSKA Social class A
- 26 MSKB1 Social class B1
- 27 MSKB2 Social class B2
- 28 MSKC Social class C
- 29 MSKD Social class D
- 30 MHHUUR Rented house
- 31 MHKOOP Home owners
- 32 MAUT1 1 car
- 33 MAUT2 2 cars
- 34 MAUT0 No car
- 35 MZFONDS National Health Service
- 36 MZPART Private health insurance
- 37 MINKM30 Income < 30.000
- 38 MINK3045 Income 30-45.000
- 39 MINK4575 Income 45-75.000
- 40 MINK7512 Income 75-122.000
- 41 MINK123M Income >123.000
- 42 MINKGEM Average income
- 43 MKOOPKLA Purchasing power class
- 44 PWAPART Contribution private third party insurance see L4
- 45 PWABEDR Contribution third party insurance (firms) ...
- 46 PWALAND Contribution third party insurance (agriculture)
- 47 PPERSONAUT Contribution car policies
- 48 PBESAUT Contribution delivery van policies
- 49 PMOTSCO Contribution motorcycle/scooter policies
- 50 PVRAAUT Contribution lorry policies

- 51 PAANHANG Contribution trailer policies
- 52 PTRACTOR Contribution tractor policies
- 53 PWERKT Contribution agricultural machines policies
- 54 PBROM Contribution moped policies
- 55 PLEVEN Contribution life insurances
- 56 PPERSONG Contribution private accident insurance policies
- 57 PGEZONG Contribution family accidents insurance policies
- 58 PWAOREG Contribution disability insurance policies
- 59 PBRAND Contribution fire policies
- 60 PZEILPL Contribution surfboard policies
- 61 PPLEZIER Contribution boat policies
- 62 PFIETS Contribution bicycle policies
- 63 PINBOED Contribution property insurance policies
- 64 PBYSTAND Contribution social security insurance policies
- 65 AWAPART Number of private third party insurance 1 - 12
- 66 AWABEDR Number of third party insurance (firms) ...
- 67 AWALAND Number of third party insurance (agriculture)
- 68 APERSAUT Number of car policies
- 69 ABESAUT Number of delivery van policies
- 70 AMOTSCO Number of motorcycle/scooter policies
- 71 AVRAAUT Number of lorry policies
- 72 AAANHANG Number of trailer policies
- 73 ATRACTOR Number of tractor policies
- 74 AWERKT Number of agricultural machines policies
- 75 ABROM Number of moped policies
- 76 ALEVEN Number of life insurances
- 77 APERSONG Number of private accident insurance policies

78 AGEZONG Number of family accidents insurance policies

79 AWAOREG Number of disability insurance policies

80 ABRAND Number of fire policies

81 AZEILPL Number of surfboard policies

82 APLEZIER Number of boat policies

83 AFIETS Number of bicycle policies

84 AINBOED Number of property insurance policies

85 ABYSTAND Number of social security insurance policies

86 CARAVAN Number of mobile home policies 0 - 1

L0:

Value Label

1 1 High Income, expensive child

2 2 Very Important Provincials

3 3 High status seniors

4 4 Affluent senior apartments

5 5 Mixed seniors

6 6 Career and childcare

7 7 Dinki's (double income no kids)

8 8 Middle class families

9 9 Modern, complete families

10 10 Stable family

11 11 Family starters

12 12 Affluent young families

13 13 Young all american family

14 14 Junior cosmopolitan

15 15 Senior cosmopolitans

16 16 Students in apartments

17 17 Fresh masters in the city

18 18 Single youth

19 19 Suburban youth

20 20 Ethnically diverse

21 21 Young urban have-nots

22 22 Mixed apartment dwellers

23 23 Young and rising

24 24 Young, low educated

25 25 Young seniors in the city

26 26 Own home elderly

27 27 Seniors in apartments

28 28 Residential elderly

29 29 Porchless seniors: no front yard

30 30 Religious elderly singles

31 31 Low income catholics

32 32 Mixed seniors

33 33 Lower class large families

34 34 Large family, employed child

35 35 Village families
36 36 Couples with teens 'Married with children'
37 37 Mixed small town dwellers
38 38 Traditional families
39 39 Large religious families
40 40 Large family farms
41 41 Mixed rurals

L1:

1 20-30 years
2 30-40 years
3 40-50 years
4 50-60 years
5 60-70 years
6 70-80 years

L2:

1 Successful hedonists
2 Driven Growers
3 Average Family
4 Career Loners
5 Living well
6 Cruising Seniors
7 Retired and Religious
8 Family with grown ups
9 Conservative families
10 Farmers

L3:

0 0%
1 1 - 10%

2 11 - 23%

3 24 - 36%

4 37 - 49%

5 50 - 62%

6 63 - 75%

7 76 - 88%

8 89 - 99%

9 100%

L4:

0 f 0

1 f 1 – 49

2 f 50 – 99

3 f 100 – 199

4 f 200 – 499

5 f 500 – 999

6 f 1000 – 4999

7 f 5000 – 9999

8 f 10.000 - 19.999

9 f 20.000 - ?

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