```
sex bmi children smoker region expenses
      age
       19 female 27.9
                      0 yes southwest 16884.92
## 1
                                no southeast 1725.55
## 2
       18 male 33.8
                           1
                          3
## 3
       28
           male 33.0
                                no southeast 4449.46
                          0 no northwest 21984.47
## 4
       33 male 22.7
## 5
       32 male 28.9
                          0 no northwest 3866.86
## 6
       31 female 25.7
                          0 no southeast 3756.62
       46 female 33.4
                          1 no southeast 8240.59
## 7
## 8
       37 female 27.7
                          3 no northwest 7281.51
## 9
       37 male 29.8
                          2 no northeast 6406.41
                          0
## 10
       60 female 25.8
                              no northwest 28923.14
                          0
       25 male 26.2
                               no northeast 2721.32
## 11
                              yes southeast 27808.73
                          0
## 12
       62 female 26.3
                               no southwest 1826.84
       23 male 34.4
## 13
                          0
## 14
       56 female 39.8
                                no southeast 11090.72
                          0
## 15
       27 male 42.1
                              yes southeast 39611.76
                               no southwest 1837.24 no northeast 10797.34
                          1
## 16
           male 24.6
       19
                          1
## 17
       52 female 30.8
## 18
       23 male 23.8
                          0 no northeast 2395.17
## 19
       56 male 40.3
                          0 no southwest 10602.39
## 20
       30 male 35.3
                          0 yes southwest 36837.47
## 21
       60 female 36.0
                          0 no northeast 13228.85
## 22
       30 female 32.4
                          1 no southwest 4149.74
                          0
## 23
       18 male 34.1
                               no southeast 1137.01
                          1
                              yes northeast 37701.88
## 24
       34 female 31.9
                               no northwest 6203.90
## 25
       37 male 28.0
                           2
                                no southeast 14001.13
## 26
       59 female 27.7
                           .3
## 27
        63 female 23.1
                           0
                                no northeast 14451.84
                           2
## 28
       55 female 32.8
                                no northwest 12268.63
                               no northwest 2775.19
                          1
## 2.9
       23 male 17.4
                          2 yes southwest 38711.00
## 30
       31 male 36.3
## 31
       22 male 35.6
                          0 yes southwest 35585.58
## 32
       18 female 26.3
                          0 no northeast 2198.19
## 33
       19 female 28.6
                          5 no southwest 4687.80
## 34
       63 male 28.3
                          0 no northwest 13770.10
## 35
       28 male 36.4
                          1 yes southwest 51194.56
## 36
       19 male 20.4
                          0 no northwest 1625.43
                          3
                               no northwest 15612.19
       62 female 33.0
## 37
                          0
                                no southwest 2302.30
## 38
       26 male 20.8
                              yes northeast 39774.28
## 39
       35
            male 36.7
                           1
                          0
## 40
       60
           male 39.9
                               yes southwest 48173.36
                          0
                               no northeast 3046.06
no southeast 4949.76
## 41
       24 female 26.6
                          2
       31 female 36.6
## 42
                          1
## 43
       41 male 21.8
                                no southeast 6272.48
## 44
       37 female 30.8
                          2
                              no southeast 6313.76
                          1
                               no northeast 6079.67
## 45
       38 male 37.1
## 46
                          0 no southwest 20630.28
       55 male 37.3
## 47
       18 female 38.7
                          2 no northeast 3393.36
## 48
       28 female 34.8
                          0 no northwest 3556.92
## 49
       60 female 24.5
                          0 no southeast 12629.90
## 50
                          1 yes southeast 38709.18
       36 male 35.2
                               no northeast 2211.13
## 51
       18 female 35.6
                           0
## 52
       21 female 33.6
                           2
                                no northwest 3579.83
## 53
                           1
                               yes southwest 23568.27
       48 male 28.0
                               yes southeast 37742.58
## 54
       36
           male 34.4
                           0
                           3
## 55
       40 female 28.7
                                no northwest 8059.68
                          2
                              yes northwest 47496.49
## 56
       58 male 37.0
## 57
       58 female 31.8
                          2
                                no northeast 13607.37
## 58
       18 male 31.7
                          2 yes southeast 34303.17
## 59
       53 female 22.9
                          1 yes southeast 23244.79
## 60
       34 female 37.3
                          2
                               no northwest 5989.52
                          3 no northeast 8606.22
## 61
       43 male 27.4
## 62
       25 male 33.7
                          4 no southeast 4504.66
## 63
       64 male 24.7
                          1 no northwest 30166.62
                           1
## 64
       28 female 25.9
                               no northwest 4133.64
                              yes northwest 14711.74
## 65
       20 female 22.4
                           0
                               no southwest 1743.21
## 66
       19 female 28.9
                           0
## 67
       61 fomalo 30 1
                                 no equithwast 1/235 07
```

## 66								
## 70	##	U /	$O \perp$	тешате	J J • I	۷ 110	southwest	14477.01
## 70	##	68	40	male	26.3	1 no	northwest	6389.38
## 71	##	69	40	female	36.2	0 no	southeast	5920.10
## 72	##	70	28	male	24.0	3 yes	southeast	17663.14
## 73	##	71	27	female	24.8	0 yes	southeast	16577.78
## 74	##	72	31	male	28.5	5 no	northeast	6799.46
## 75	##	73	53	female	28.1	3 no	southwest	11741.73
## 76	##	74	58	male	32.0	1 no	southeast	11946.63
## 77	##	75	44	male	27.4	2 no	southwest	7726.85
## 77	##	76	57	male	34.0	0 no	nort.hwest	11356.66
## 78		77	29			1 no	southeast	3947.41
## 79								
## 80								
## 81								
## 82								
## 83								
## 84								
## 85						4		
## 86	##	84	48	female	41.2	4 no	northwest	11033.66
## 87 57 female 31.2 0 yes northwest 43578.94 ## 88 56 female 27.2 0 no southwest 11073.18 ## 89 46 female 27.7 0 no northwest 11082.58 ## 91 21 female 39.5 0 no southwest 11082.58 ## 91 21 female 24.8 1 no northwest 10942.13 yes northwest 30344.94 ## 94 35 male 29.8 3 yes northwest 30344.94 ## 94 35 male 34.8 2 no northwest 47291.06 ## 95 64 female 37.6 1 no southwest 7291.01 ## 97 54 female 30.8 3 no southwest 12105.32 ## 98 55 male 38.3 0 no southwest 12105.32 ## 99 56 male 20.0 0 yes northwest 10226.28 ## 99 56 male 20.0 0 yes northwest 15820.70 ## 101 41 female 31.6 0 no southwest 6186.13 ## 102 30 male 25.5 0 no northwest 3645.09 ## 105 34 female 30.1 0 no southwest 3645.09 ## 105 34 female 27.5 1 no southwest 5003.85 ## 106 20 male 28.0 1 yes northwest 2331.52 ## 108 26 male 20.0 1 yes northwest 2331.52 ## 110 34 female 27.5 1 no southwest 3645.09 ## 110 37 female 28.4 1 no southwest 2331.52 ## 108 26 male 30.9 20 no northwest 2331.52 ## 110 37 female 28.4 1 no southwest 2331.52 ## 110 37 male 35.6 1 no northwest 2331.52 ## 110 54 male 35.1 0 yes southwest 17560.38 ## 110 55 female 27.9 0 no southwest 2331.52 ## 111 54 male 35.7 0 no northwest 2404.73 ## 115 52 male 35.7 0 no northwest 11881.36 ## 115 52 male 35.7 0 no northwest 2404.73 ## 115 52 male 35.7 0 no northwest 2404.73 ## 115 52 male 35.7 0 no northwest 11881.36 ## 114 21 female 28.4 0 no southwest 11881.36 ## 115 52 male 35.7 0 no northwest 2404.73 ## 115 52 male 35.7 0 no northwest 11881.36 ## 114 21 female 28.4 0 no northwest 11881.36 ## 115 52 male 30.8 0 no northwest 25.55 6.4 ## 112 55 female 27.9 1 yes southeast 1705.62 ## 112 60 male 28.6 0 no northwest 10155.14 ## 113 59 female 27.9 1 yes southwest 1705.62 ## 114 44 male 37.1 2 no southwest 1705.62 ## 112 44 male 37.1 2 no southwest 10115.01 ## 124 44 male 31.4 1 yes northwest 257.48 ## 131 59 female 28.0 0 no northwest 257.48 ## 132 61 female 28.0 0 no northwest 257.48 ## 133 53 female 28.6 0 no northwest 257.48 ## 133 59 female 28.8 0 no northwest 10115.01 ## 133 53 female 28.8 0 no	##	85	37	female	34.8	2 yes	southwest	39836.52
## 88	##	86	45	male	22.9	2 yes	northwest	21098.55
## 89	##	87	57	female	31.2	0 yes	northwest	43578.94
## 89	##	88	56	female	27.2	=		
## 90								
## 91								
## 92								
## 94								
## 94  35  male 34.8								
## 95 64 female 31.3 2 yes southwest 47291.06 ## 96 28 female 37.6 1 no southeast 3766.88 ## 97 54 female 30.8 3 no southwest 12105.32 ## 98 55 male 38.3 0 no southwest 12205.32 ## 99 56 male 20.0 0 yes northeast 22412.65 ## 100 38 male 19.3 0 yes southwest 15820.70 ## 101 41 female 31.6 0 no southwest 6186.13 ## 102 30 male 25.5 0 no northeast 21344.85 ## 104 61 female 29.9 3 yes southeast 30942.19 ## 105 34 female 27.5 1 no southwest 5003.85 ## 106 20 male 28.0 1 yes northeast 2331.58 ## 107 19 female 28.4 1 no southwest 3377.30 ## 110 63 male 35.1 0 pes southeast 3877.30 ## 111 54 male 33.6 1 no northwest 10825.53 ## 112 55 female 29.7 2 no southwest 11881.36 ## 114 21 female 35.7 0 no southwest 4646.76 ## 115 52 male 32.2 3 no northeast 21404.73 ## 116 60 male 28.6 0 no southwest 4646.76 ## 117 58 male 49.1 0 no southeast 11381.33 ## 118 29 female 27.9 1 yes southeast 11881.33 ## 120 37 female 23.4 2 no northwest 11813.33 ## 121 44 male 37.1 2 no southwest 7740.34 ## 122 30 female 23.4 2 no northwest 10306.00 ## 123 20 female 23.4 2 no northwest 575.62 ## 124 44 male 37.1 2 no southwest 7740.34 ## 125 47 female 23.8 0 no northwest 1705.62 ## 128 52 female 29.0 0 no northwest 3355.4 ## 129 32 female 27.9 0 no southwest 7740.34 ## 129 32 female 28.3 0 yes southeast 3355.4 ## 121 44 male 37.1 2 no southwest 7740.34 ## 125 47 female 23.8 0 no northwest 3355.4 ## 126 66 female 28.8 0 no northwest 33735.4 ## 127 9 female 28.3 0 yes southwest 17081.08 ## 128 52 female 27.9 0 no northwest 33735.4 ## 129 32 female 27.9 0 no northwest 33735.4 ## 129 32 female 27.9 0 no northwest 33735.4 ## 129 32 female 27.9 0 no northwest 33735.4 ## 129 32 female 28.8 0 no northwest 10155.6 ## 133 53 female 25.6 0 no northwest 1261.44 ## 134 19 male 25.6 0 no northwest 1261.44 ## 135 20 female 28.8 0 no northwest 1261.44 ## 136 22 female 28.8 0 no northwest 1261.44 ## 137 19 male 35.1 0 no southwest 255.68 ## 137 19 male 34.1 0 no southwest 1261.44						2		
## 96								
## 97 54 female 30.8 3 no southwest 12105.32 ## 98 55 male 38.3 0 no southeast 10226.28 ## 99 56 male 20.0 0 yes northeast 22412.65 ## 100 38 male 19.3 0 yes southwest 15820.70 ## 101 41 female 31.6 0 no southwest 6186.13 ## 102 30 male 25.5 0 no northeast 3645.09 ## 103 18 female 30.1 0 no northeast 21344.85 ## 104 61 female 29.9 3 yes southwest 5003.85 ## 105 34 female 27.5 1 no southwest 5003.85 ## 107 19 female 28.4 1 no southwest 5003.85 ## 108 26 male 30.9 2 no northwest 3877.30 ## 110 63 male 35.1 0 yes northwest 17560.38 ## 111 65 male 35.1 0 yes southeast 2867.12 ## 112 55 female 29.7 2 no southwest 1881.36 ## 113 37 male 30.8 0 no southwest 1881.36 ## 114 21 female 35.7 0 no northwest 1881.36 ## 115 52 male 32.2 3 no northeast 11488.32 ## 117 58 male 49.1 0 no southeast 19107.78 ## 118 29 female 27.9 1 yes southeast 19107.78 ## 119 49 female 27.2 0 no southeast 19107.78 ## 119 49 female 27.2 0 no southeast 1926.04 ## 120 37 female 23.4 2 no northwest 3860.3 ## 121 44 male 33.1 2 no northwest 2257.48 ## 122 18 male 23.8 0 no northwest 2257.48 ## 124 44 male 37.1 2 no southwest 1705.62 ## 125 47 female 28.8 0 no northwest 2385.4 ## 126 66 female 28.8 0 no northwest 3708.04 ## 127 19 female 28.3 0 yes southwest 1708.08 ## 128 52 female 37.4 0 no southwest 3708.04 ## 129 32 female 29.0 0 no northwest 2557.48 ## 129 32 female 28.3 0 yes southwest 1708.08 ## 129 32 female 28.8 0 no northwest 257.48 ## 129 32 female 28.8 0 no northwest 10115.01 ## 128 52 female 37.4 0 no southwest 1708.08 ## 129 32 female 26.5 0 no northwest 12815.44 ## 130 38 male 35.9 2 no southwest 1163.57 ## 131 39 female 28.6 0 no northwest 12815.44 ## 132 61 female 28.6 0 no northwest 12815.44 ## 133 53 female 28.8 0 no northwest 12815.44 ## 134 19 male 25.6 0 no northwest 1255.68 ## 135 20 female 28.8 0 no northwest 1255.64 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 1255.68						2		
## 98								
## 99	##	97	54	female	30.8	3 no	southwest	12105.32
## 100	##	98	55	male	38.3	0 no	southeast	10226.28
## 101	##	99	56	male	20.0	0 yes	northeast	22412.65
## 101	##	100	38	male	19.3	0 yes	southwest	15820.70
## 102						-		
## 103								
## 104 61 female 29.9 3 yes southeast 30942.19 ## 105 34 female 27.5 1 no southwest 5003.85 ## 106 20 male 28.0 1 yes northwest 17560.38 ## 107 19 female 28.4 1 no southwest 2331.52 ## 108 26 male 30.9 2 no northwest 2867.12 ## 110 63 male 35.1 0 yes southeast 47055.53 ## 111 54 male 33.6 1 no northwest 10825.25 ## 112 55 female 29.7 2 no southwest 11881.36 ## 113 37 male 30.8 0 no southwest 4646.76 ## 114 21 female 35.7 0 no northwest 2404.73 ## 115 52 male 32.2 3 no northeast 11488.32 ## 116 60 male 28.6 0 no northeast 11381.33 ## 117 58 male 49.1 0 no southeast 19107.78 ## 119 49 female 27.9 1 yes southeast 8601.33 ## 120 37 female 23.4 2 no northwest 6686.43 ## 121 44 male 37.1 2 no southwest 7740.34 ## 122 18 male 23.8 0 no northwest 2257.48 ## 123 20 female 29.0 0 no northwest 2257.48 ## 124 44 male 31.4 1 yes northwest 10115.01 ## 125 47 female 33.9 3 no northwest 10115.01 ## 127 19 female 28.8 0 no northwest 385.64 ## 128 52 female 37.4 0 no southwest 3734.19 ## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 32734.19 ## 131 59 female 26.5 0 no northwest 6082.41 ## 132 61 female 22.0 0 no northwest 1032.56 ## 133 53 female 28.8 0 no northeast 3385.40 ## 131 59 female 26.5 0 no northwest 1082.57 ## 133 53 female 35.9 2 no southwest 1163.57 ## 134 19 male 25.6 0 no northwest 1261.44 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.8 0 no northeast 2457.21 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 female 28.8 0 no northwest 1265.68								
## 105								
## 106						- 2		
## 107								
## 108  26  male 30.9  2  no northwest 3877.30 ## 109  29  male 27.9  0  no southeast 2867.12 ## 110  63  male 35.1  0  yes southeast 47055.53 ## 111  54  male 33.6  1  no northwest 10825.25 ## 112  55  female 29.7  2  no southwest 11881.36 ## 113  37  male 30.8  0  no southwest 4646.76 ## 114  21  female 35.7  0  no northwest 2404.73 ## 115  52  male 32.2  3  no northeast 11488.32 ## 116  60  male 28.6  0  no northeast 30260.00 ## 117  58  male 49.1  0  no southeast 1381.33 ## 118  29  female 27.9  1  yes southeast 19107.78 ## 119  49  female 27.2  0  no southeast 8601.33 ## 120  37  female 23.4  2  no northwest 6686.43 ## 121  44  male 37.1  2  no southwest 7740.34 ## 122  18  male 23.8  0  no northwest 2257.48 ## 124  44  male 31.4  1  yes northeast 39556.49 ## 125  47  female 33.9  3  no northwest 10115.01 ## 126  26  female 28.8  0  no northwest 385.40 ## 127  19  female 28.3  0  yes southwest 17081.08 ## 128  52  female 37.4  0  no southwest 9634.54 ## 129  32  female 17.8  2  yes northwest 32734.19 ## 130  38  male 34.7  2  no southwest 6082.41 ## 131  59  female 26.5  0  no northeast 12815.48 ## 133  53  female 25.6  0  no northeast 12815.48 ## 134  19  male 25.6  0  no northwest 1163.57 ## 134  19  male 25.6  0  no northwest 2457.21 ## 135  20  female 28.8  0  no northeast 2457.21 ## 136  22  female 28.8  0  no northeast 2457.21 ## 137  19  male 34.1  0  no southwest 1261.44 ## 137  19  male 34.1  0  no southwest 1261.44 ## 137  19  male 35.9  0  no northwest 2555.68						-		
## 109	##	107	19			1 no	southwest	2331.52
## 110 63 male 35.1 0 yes southeast 47055.53 ## 111 54 male 33.6 1 no northwest 10825.25 ## 112 55 female 29.7 2 no southwest 11881.36 ## 113 37 male 30.8 0 no southwest 4646.76 ## 114 21 female 35.7 0 no northwest 2404.73 ## 115 52 male 32.2 3 no northeast 11488.32 ## 116 60 male 28.6 0 no northeast 30260.00 ## 117 58 male 49.1 0 no southeast 11381.33 ## 118 29 female 27.9 1 yes southeast 19107.78 ## 119 49 female 27.2 0 no southeast 8601.33 ## 120 37 female 23.4 2 no northwest 6686.43 ## 121 44 male 37.1 2 no southwest 7740.34 ## 122 18 male 23.8 0 no northwest 7740.34 ## 123 20 female 29.0 0 no northwest 2257.48 ## 124 44 male 31.4 1 yes northeast 39556.49 ## 125 47 female 33.9 3 no northwest 10115.01 ## 126 26 female 28.8 0 no northwest 3385.40 ## 127 19 female 28.3 0 yes southwest 17081.08 ## 128 52 female 37.4 0 no southwest 9634.54 ## 129 32 female 17.8 2 yes northeast 32734.19 ## 130 38 male 34.7 2 no southwest 9634.54 ## 131 59 female 26.5 0 no northeast 12815.44 ## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 1163.57 ## 134 19 male 25.6 0 no northeast 2457.21 ## 135 20 female 28.8 0 no northeast 1261.56 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69	##	108	26	male	30.9	2 no	northwest	3877.30
## 111 54 male 33.6 1 no northwest 10825.25 ## 112 55 female 29.7 2 no southwest 11881.36 ## 113 37 male 30.8 0 no southwest 4646.76 ## 114 21 female 35.7 0 no northwest 2404.73 ## 115 52 male 32.2 3 no northeast 11488.32 ## 116 60 male 28.6 0 no northeast 30260.00 ## 117 58 male 49.1 0 no southeast 11381.33 ## 118 29 female 27.9 1 yes southeast 19107.78 ## 119 49 female 27.2 0 no southeast 19107.78 ## 120 37 female 23.4 2 no northwest 6686.43 ## 121 44 male 37.1 2 no southwest 7740.34 ## 122 18 male 23.8 0 no northeast 1705.62 ## 123 20 female 29.0 0 no northwest 2257.48 ## 124 44 male 31.4 1 yes northeast 39556.49 ## 125 47 female 33.9 3 no northwest 10115.01 ## 126 26 female 28.8 0 no northwest 10115.01 ## 127 19 female 28.3 0 yes southwest 17081.08 ## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 1163.57 ## 134 19 male 25.6 0 no northwest 1632.56 ## 135 20 female 28.8 0 no northeast 32734.19 ## 136 22 female 28.8 0 no northeast 2457.21 ## 137 19 male 34.1 0 no southwest 1261.44 ## 137 19 male 34.1 0 no southwest 1261.44 ## 137 19 male 34.1 0 no southwest 1261.44 ## 137 19 male 34.1 0 no southwest 2045.69	##	109	29	male	27.9	0 no	southeast	2867.12
## 111 54 male 33.6 1 no northwest 10825.25 ## 112 55 female 29.7 2 no southwest 11881.36 ## 113 37 male 30.8 0 no southwest 4646.76 ## 114 21 female 35.7 0 no northwest 2404.73 ## 115 52 male 32.2 3 no northeast 11488.32 ## 116 60 male 28.6 0 no northeast 30260.00 ## 117 58 male 49.1 0 no southeast 11381.33 ## 118 29 female 27.9 1 yes southeast 19107.78 ## 119 49 female 27.2 0 no southeast 8601.33 ## 120 37 female 23.4 2 no northwest 6686.43 ## 121 44 male 37.1 2 no southwest 7740.34 ## 122 18 male 23.8 0 no northeast 1705.62 ## 123 20 female 29.0 0 no northwest 2257.48 ## 124 44 male 31.4 1 yes northeast 39556.49 ## 125 47 female 33.9 3 no northwest 10115.01 ## 126 26 female 28.8 0 no northwest 10115.01 ## 127 19 female 28.3 0 yes southwest 17081.08 ## 128 52 female 37.4 0 no southwest 9634.54 ## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 1163.57 ## 134 19 male 25.6 0 no northwest 12815.44 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.8 0 no northeast 2457.21 ## 137 19 male 34.1 0 no southwest 1261.44 ## 137 19 male 34.1 0 no southwest 1261.44 ## 137 19 male 34.1 0 no southwest 2045.69	##	110	63	male	35.1	0 yes	southeast	47055.53
## 112 55 female 29.7 2 no southwest 11881.36 ## 113 37 male 30.8 0 no southwest 4646.76 ## 114 21 female 35.7 0 no northwest 2404.73 ## 115 52 male 32.2 3 no northeast 11488.32 ## 116 60 male 28.6 0 no northeast 30260.00 ## 117 58 male 49.1 0 no southeast 11381.33 ## 118 29 female 27.9 1 yes southeast 19107.78 ## 119 49 female 27.2 0 no southeast 8601.33 ## 120 37 female 23.4 2 no northwest 6686.43 ## 121 44 male 37.1 2 no southwest 7740.34 ## 122 18 male 23.8 0 no northeast 1705.62 ## 123 20 female 29.0 0 no northwest 2257.48 ## 124 44 male 31.4 1 yes northeast 39556.49 ## 125 47 female 33.9 3 no northwest 10115.01 ## 126 26 female 28.8 0 no northwest 10115.01 ## 127 19 female 28.3 0 yes southwest 17081.08 ## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 1163.57 ## 134 19 male 25.6 0 no northwest 2457.21 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.8 0 no northeast 2457.21 ## 137 19 male 34.1 0 no southwest 1261.44 ## 137 19 male 34.1 0 no southwest 1261.44 ## 137 19 male 34.1 0 no southwest 1261.44 ## 137 19 male 25.2 0 no northwest 2045.69						_		
## 113								
## 114								
## 115 52 male 32.2 3 no northeast 11488.32 ## 116 60 male 28.6 0 no northeast 30260.00 ## 117 58 male 49.1 0 no southeast 11381.33 ## 118 29 female 27.9 1 yes southeast 19107.78 ## 119 49 female 27.2 0 no southeast 8601.33 ## 120 37 female 23.4 2 no northwest 6686.43 ## 121 44 male 37.1 2 no southwest 7740.34 ## 122 18 male 23.8 0 no northeast 1705.62 ## 123 20 female 29.0 0 no northeast 39556.49 ## 124 44 male 31.4 1 yes northeast 39556.49 ## 125 47 female 33.9 3 no northwest 10115.01 ## 126 26 female 28.8 0 no northeast 3385.40 ## 127 19 female 28.3 0 yes southwest 17081.08 ## 128 52 female 37.4 0 no southwest 9634.54 ## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 12815.44 ## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northwest 2457.21 ## 135 20 female 28.8 0 no northwest 2457.21 ## 136 22 female 28.1 0 no southwest 2155.68 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69								
## 116 60 male 28.6 0 no northeast 30260.00 ### 117 58 male 49.1 0 no southeast 11381.33 ## 118 29 female 27.9 1 yes southeast 19107.78 ## 119 49 female 27.2 0 no southeast 8601.33 ## 120 37 female 23.4 2 no northwest 6686.43 ## 121 44 male 37.1 2 no southwest 7740.34 ## 122 18 male 23.8 0 no northeast 1705.62 ## 123 20 female 29.0 0 no northeast 39556.49 ## 124 44 male 31.4 1 yes northeast 39556.49 ## 125 47 female 33.9 3 no northwest 10115.01 ## 126 26 female 28.8 0 no northeast 3385.40 ## 127 19 female 28.3 0 yes southwest 17081.08 ## 128 52 female 37.4 0 no southwest 9634.54 ## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 12815.44 ## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northeast 2457.21 ## 135 20 female 28.8 0 no northwest 2457.21 ## 136 22 female 28.1 0 no southwest 2155.68 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69								
## 117 58 male 49.1 0 no southeast 11381.33 ### 118 29 female 27.9 1 yes southeast 19107.78 ## 119 49 female 27.2 0 no southeast 8601.33 ## 120 37 female 23.4 2 no northwest 6686.43 ## 121 44 male 37.1 2 no southwest 7740.34 ## 122 18 male 23.8 0 no northwest 1705.62 ## 123 20 female 29.0 0 no northwest 2257.48 ## 124 44 male 31.4 1 yes northeast 39556.49 ## 125 47 female 33.9 3 no northwest 10115.01 ## 126 26 female 28.8 0 no northwest 10115.01 ## 127 19 female 28.3 0 yes southwest 17081.08 ## 128 52 female 37.4 0 no southwest 9634.54 ## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 12815.44 ## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northwest 2457.21 ## 135 20 female 28.8 0 no northwest 2457.21 ## 136 22 female 28.1 0 no southwest 2155.68 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69								
## 118								
## 119	##	117				0 no	southeast	11381.33
## 120	##	118	29	female	27.9	1 yes	southeast	19107.78
## 121	##	119	49	female	27.2	0 no	southeast	8601.33
## 121 44 male 37.1 2 no southwest 7740.34 ## 122 18 male 23.8 0 no northeast 1705.62 ## 123 20 female 29.0 0 no northwest 2257.48 ## 124 44 male 31.4 1 yes northeast 39556.49 ## 125 47 female 33.9 3 no northwest 10115.01 ## 126 26 female 28.8 0 no northwest 17081.08 ## 127 19 female 28.3 0 yes southwest 17081.08 ## 128 52 female 37.4 0 no southwest 9634.54 ## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 12815.44 ## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northwest 1632.56 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.1 0 no southwest 1261.44 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69	##	120	37	female	23.4	2 no	northwest	6686.43
## 122								
## 123								
## 124								
## 125								
## 126						2		
## 127								
## 128 52 female 37.4 0 no southwest 9634.54 ## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 12815.44 ## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northwest 1632.56 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.1 0 no southwest 2155.68 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69	##	126	26	female	28.8	0 no	northeast	3385.40
## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 12815.44 ## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northwest 1632.56 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.1 0 no southwest 2155.68 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69	##	127	19	female	28.3	0 yes	southwest	17081.08
## 129 32 female 17.8 2 yes northwest 32734.19 ## 130 38 male 34.7 2 no southwest 6082.41 ## 131 59 female 26.5 0 no northeast 12815.44 ## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northwest 1632.56 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.1 0 no southwest 2155.68 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69	##	128	52	female	37.4	0 no	southwest	9634.54
## 130  38  male 34.7								
## 131 59 female 26.5 0 no northeast 12815.44 ## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northwest 1632.56 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.1 0 no southwest 2155.68 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69						4		
## 132 61 female 22.0 0 no northeast 13616.36 ## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northwest 1632.56 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.1 0 no southeast 2155.68 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69								
## 133 53 female 35.9 2 no southwest 11163.57 ## 134 19 male 25.6 0 no northwest 1632.56 ## 135 20 female 28.8 0 no northeast 2457.21 ## 136 22 female 28.1 0 no southeast 2155.68 ## 137 19 male 34.1 0 no southwest 1261.44 ## 138 22 male 25.2 0 no northwest 2045.69								
## 134								
## 135								
## 136								
## 137	##	135	20	female	28.8	0 no	northeast	2457.21
## 138 22 male 25.2 0 no northwest 2045.69	##	136	22	female	28.1	0 no	southeast	2155.68
## 138 22 male 25.2 0 no northwest 2045.69	##	137	19	male	34.1	0 no	southwest	1261.44
"" 103 01 16ma16 01.9 5 110 50utileast 2/322.73								
	If #	± J J	J4	LUMBLE	J + • J	5 110	uciicast	-1964.13

##	140	22	female	36.0	0 1	no	${\tt southwest}$	2166.73
	141	34	male	22.4	2	no	northeast	27375.90
##	142	26	male	32.5	1 1	no	northeast	3490.55
##	143	34	male	25.3	2 ye	es	southeast	18972.50
##	144	29	male	29.7	2	no	northwest	18157.88
##	145	30	male	28.7	3 у	es	northwest	20745.99
##	146	29	female	38.8	3 1	no	southeast	5138.26
##	147	46	male	30.5			northwest	
	148		female		2		southeast	
	149		female				northwest	
	150		male				southwest	
	151		male				northwest	
##	152	48	male	29.7	0 1	no	southeast	7789.64
##	153	32	female	37.1	3 1	no	northeast	6334.34
##	154	42	female	23.4	0 Хе	es	northeast	19964.75
##	155	40	female	25.5	1 1	no	northeast	7077.19
##	156	44	male	39.5	0	no	northwest	6948.70
##	157	48	male	24.4	0 v	es	southeast	21223.68
	158		male		_		northeast	
	159		male		_		southeast	
	160		female		2		southeast	
	161		female		_		northwest	
	162		female		_		southeast	
##	163	54	male	39.6	1	no	southwest	10450.55
##	164	32	female	29.8	2	no	southwest	5152.13
##	165	37	male	29.6	0 1	no	northwest	5028.15
	166		male				northeast	
	167		female				southwest	
	168		female				northwest	
	169		female				northwest	
	170		male				northeast	
##	171	63	male	41.5	0 1	no	southeast	13405.39
##	172	49	male	30.3	0 1	no	southwest	8116.68
##	173	18	male	16.0	0 1	no	northeast	1694.80
	174		female				southwest	
	175		female				northwest	
	176		female				southwest	
	177			27.8			northwest	
##	178	54	male	29.2	1 1	no	southwest	10436.10
##	179	46	female	28.9	2	no	southwest	8823.28
##	180	41	female	33.2	3 1	no	northeast	8538.29
##	181	58	male	28.6	0 1	no	northwest	11735.88
	182		female				southeast	
	183			20.0			northeast	
		22						
##	1 2 /		female	26.4			northwest	
					2 1	00	a a 11 + b a a a +	7731.43
##	185		male		2	110	Southeast	,,01.10
		44					northeast	
##	185	44 36	male	41.9	3 у	es		43753.34
##	185 186	44 36 26	male male	41.9 29.9	3 ye 2	es no	northeast	43753.34 3981.98
##	185 186 187 188	44 36 26 30	male male female female	41.9 29.9 30.9	3 ye 2 1	es no no	northeast southeast southwest	43753.34 3981.98 5325.65
## ## ##	185 186 187 188 189	44 36 26 30 41	male male female female	41.9 29.9 30.9 32.2	3 ye 2 1 3 1	es no no	northeast southeast southwest southwest	43753.34 3981.98 5325.65 6775.96
## ## ## ##	185 186 187 188 189	44 36 26 30 41 29	male male female female female	41.9 29.9 30.9 32.2 32.1	3 ye 2 1 3 1 1 1 2 1	es no no no no	northeast southeast southwest southwest northwest	43753.34 3981.98 5325.65 6775.96 4922.92
## ## ## ##	185 186 187 188 189 190	44 36 26 30 41 29 61	male male female female female male	41.9 29.9 30.9 32.2 32.1 31.6	3 ye 2 1 2 3 1 1 2 1 2 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	es no no no no	northeast southeast southwest southwest northwest southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61
## ## ## ##	185 186 187 188 189	44 36 26 30 41 29 61	male male female female female	41.9 29.9 30.9 32.2 32.1 31.6	3 ye 2 1 2 3 1 1 2 1 2 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1	es no no no no	northeast southeast southwest southwest northwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61
## ## ## ## ##	185 186 187 188 189 190	44 36 26 30 41 29 61 36	male male female female female female female	41.9 29.9 30.9 32.2 32.1 31.6	3 Ye 2 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	es no no no no no	northeast southeast southwest southwest northwest southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87
## ## ## ## ## ##	185 186 187 188 189 190 191	44 36 26 30 41 29 61 36 25	male male female female female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7	3 Y 4 2 1 1 2 1 1 2 1 1 2 1 1 0 1 1 1 1 1 1 1	es no no no no no	northeast southwest southwest northwest southeast southwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65
## ## ## ## ## ##	185 186 187 188 189 190 191 192 193	44 36 26 30 41 29 61 36 25 56	male male female female female female male female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6	3 Ye 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	es no no no no no no	northeast southwest southwest northwest southeast southeast southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34
## ## ## ## ## ##	185 186 187 188 189 190 191 192 193 194 195	44 36 26 30 41 29 61 36 25 56	male male female female female female male female male male	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4	3 Ye 2 1 2 3 1 1 2 2 1 1 2 1 1 1 1 1 1 1 1 1	es no no no no no no no no	northeast southwest southwest northwest southeast southeast northwest southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47
## ## ## ## ## ## ##	185 186 187 188 189 190 191 192 193 194 195	44 36 26 30 41 29 61 36 25 56 18	male male female female female male female male male female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6	3 Ye 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	es no no no no no no no no	northeast southwest southwest northwest southeast southeast northwest southeast northwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56
## ## ## ## ## ## ##	185 186 187 188 189 190 191 192 193 194 195 196	44 36 26 30 41 29 61 36 25 56 18 19	male male female female female male female male female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8	3 Ye 2 1 2 3 1 1 2 1 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1	es no no no no no no no no no no	northeast southwest southwest northwest southeast southeast northwest southeast northwest southeast northwest southwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72
## ## ## ## ## ## ##	185 186 187 188 189 190 191 192 193 194 195 196 197	44 36 26 30 41 29 61 36 25 56 18 19 39	male male female female female male female male female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6	3 Ye 2 1 2 3 1 1 2 2 1 1 2 1 1 1 1 1 1 1 1 1	es mo mo mo mo mo mo mo mo	northeast southwest southwest northwest southeast southeast northwest southeast northwest southeast southwest southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83
## ## ## ## ## ## ##	185 186 187 188 189 190 191 192 193 194 195 196	44 36 26 30 41 29 61 36 25 56 18 19 39	male male female female female male female male female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6	3 Ye 2 1 2 3 1 1 2 2 1 1 2 1 1 1 1 1 1 1 1 1	es mo mo mo mo mo mo mo mo	northeast southwest southwest northwest southeast southeast northwest southeast northwest southeast northwest southwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83
## ## ## ## ## ## ## ##	185 186 187 188 189 190 191 192 193 194 195 196 197	444 36 26 30 41 29 61 36 25 56 18 19 39 45	male male female female female male female male female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1	3 Ye 2 1 2 3 1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1	es no no no no no no no no no no no no no	northeast southwest southwest northwest southeast southeast northwest southeast northwest southeast southwest southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25
## ## ## ## ## ## ## ##	185 186 187 188 189 190 191 192 193 194 195 196 197 198	444 36 26 30 41 29 61 36 25 56 18 19 39 45 51	male male female female female male female male female female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3	3 Ye 2 1 2 3 1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1	es no no no no no no no no no no no no no	northeast southwest southwest northwest southeast southeast northwest southeast northwest southeast northwest southeast northwest southeast northwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52
## ## ## ## ## ## ## ## ## ## ## ## ##	185 186 187 188 189 190 191 192 193 194 195 196 197 198 200	444 36 26 30 41 29 61 36 25 56 18 19 39 45 51 64	male male female female female male female male female female female female female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1	3 Ye 2 1 2 3 1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1	es no no no no no no no no no no no no no	northeast southwest southwest northwest southeast southeast northwest southeast northwest southeast northwest southeast northwest southeast northwest southeast northwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68
# # # # # # # # # # # # # # # # # # # #	185 186 187 188 189 190 191 192 193 194 195 196 197 198 200 201 202	444 36 26 30 41 29 61 36 25 56 18 19 39 45 51 64 19	male male female female female male female male female female female female female female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2	3 Ye 2 1 2 3 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	es no no no no no no no no no no no no no	northeast southwest southwest southwest southwest southeast northwest southeast northwest southeast northwest northwest northwest northwest southeast northwest southeast northwest southeast southeast southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15
#######################################	185 186 187 188 190 191 192 193 194 195 196 197 198 200 201 202 203	444 36 26 30 41 29 61 36 25 56 18 19 39 45 51 64 19 48	male male female female male female male female female female female female female female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0	3 Yello 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	es mo mo mo mo mo mo mo mo mo mo mo mo mo	northeast southwest southwest southwest southwest southeast northwest southeast northwest southeast northwest northwest northwest southeast northwest southeast northwest southeast northwest southeast northwest northwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21
#######################################	185 186 187 188 189 190 191 192 193 194 195 196 197 198 200 201 202 203 204	444 36 26 30 41 29 61 36 25 56 18 19 39 45 51 64 19 48 60 27	male male female female female male female male female female female female female female female female female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0 36.1	3 Ye 2 1 2 3 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	es no no no no no no no no no no no no no	northeast southwest southwest southwest southwest southeast northwest southeast northwest southeast northwest northwest northwest southeast northwest southeast northwest southeast southeast southeast southeast southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21 37133.90
#######################################	185 186 187 188 190 191 192 193 194 195 196 201 202 203 204 205	44 36 26 30 41 29 61 36 25 56 18 19 45 51 64 19 48 60 27 46	male male female female female male female male female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0 36.1 22.3	3 Yellow 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	es no no no no no no no no no no no no no	northeast southwest southwest southwest southwest southeast northwest southeast northwest southeast northwest northwest northwest southeast northwest southeast northwest southeast southeast southeast southeast southeast southeast southeast southeast southwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21 37133.90 7147.11
#######################################	185 186 187 188 190 191 192 193 194 195 196 201 202 203 204 205 206	444 36 26 30 41 29 61 36 25 56 18 19 45 51 64 19 48 60 27 46 28	male male female female female male female male female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0 36.1 22.3 28.9	3 Ye 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	es no no no no no no no no no no no no no	northeast southwest southwest southwest southeast northwest southeast northwest southeast northwest northwest northwest southeast northwest southeast northwest southeast northwest southeast southeast southeast southeast northwest southeast northwest southeast southwest northeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21 37133.90 7147.11 4337.74
# # # # # # # # # # # # # # # # # # # #	185 186 187 188 189 190 191 192 193 194 195 196 201 202 203 204 205 206 207	444 36 26 30 41 29 61 36 25 56 18 19 39 45 51 64 19 48 60 27 46 28 59	male male female female female male female male female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0 36.1 22.3 28.9 26.4	3 Ye 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	es no	northeast southwest southwest southwest southeast northwest southeast northwest southeast northwest northwest northeast northwest southeast northwest southeast northwest southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21 37133.90 7147.11 4337.74 11743.30
# # # # # # # # # # # # # # # # # # # #	185 186 187 188 190 191 192 193 194 195 196 201 202 203 204 205 206	444 36 26 30 41 29 61 36 25 56 18 19 39 45 51 64 19 48 60 27 46 28 59	male male female female female male female male female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0 36.1 22.3 28.9	3 Ye 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	es no	northeast southwest southwest southwest southeast northwest southeast northwest southeast northwest northwest northwest southeast northwest southeast northwest southeast northwest southeast southeast southeast southeast northwest southeast northwest southeast southwest northeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21 37133.90 7147.11 4337.74 11743.30
#######################################	185 186 187 188 189 190 191 192 193 194 195 196 201 202 203 204 205 206 207	44 36 26 30 41 29 61 36 25 56 18 19 45 51 64 19 48 60 27 46 28 59 35	male male female female female male female male female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0 36.1 22.3 28.9 26.4 27.7	3 Ye 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	es no	northeast southwest southwest southwest southeast northwest southeast northwest southeast northwest northwest northeast northwest southeast northwest southeast northwest southeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21 37133.90 7147.11 4337.74 11743.30 20984.09
# # # # # # # # # # # # # # # # # # # #	185 186 187 188 189 190 191 192 193 194 195 196 200 201 202 203 204 205 206 207 208	444 36 26 30 41 29 61 36 25 56 18 19 39 45 51 64 19 48 60 27 46 28 59 35 63	male male female female female female male female male female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0 36.1 22.3 28.9 26.4 27.7	3 Ye 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	es no	northeast southwest southeast southwest southeast northwest southeast northwest southeast northwest northwest northwest southeast northwest southeast northwest southeast southeast southeast southeast southeast northeast southeast northeast southeast northeast southeast northeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21 37133.90 7147.11 4337.74 11743.30 20984.09 13880.95
# # # # # # # # # # # # # # # # # # # #	185 186 187 188 189 190 191 192 193 194 195 196 200 201 202 203 204 205 206 207 208 209 210	44 36 26 30 41 29 61 36 25 56 18 19 39 45 51 64 19 48 60 27 46 28 59 35 63 40	male male female female female female male female male female	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0 36.1 22.3 28.9 26.4 27.7 31.8 41.2	3 Ye 2 2 3 3 1 1 2 2 3 3 1 1 2 2 3 3 1 1 1 1	es no	northeast southwest southwest southwest southeast northwest southeast northwest southeast northwest southeast northwest southeast northwest southeast northwest southeast southeast southeast southeast southeast southeast southeast southeast southeast northeast southwest northeast southwest northeast southwest northeast	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21 37133.90 7147.11 4337.74 11743.30 20984.09 13880.95 6610.11
# # # # # # # # # # # # # # # # # # # #	185 186 187 188 190 191 192 193 194 195 196 200 201 202 203 204 205 206 207 208 209	444 366 2630 411 299 6136 2556 1819 3945 5164 1948 60027 4628 5935 63340 20	male male female female female female male female male female male female male male male	41.9 29.9 30.9 32.2 32.1 31.6 26.2 25.7 26.6 34.4 30.6 32.8 28.6 18.1 39.3 32.1 32.2 24.0 36.1 22.3 28.9 26.4 27.7 31.8 41.2	3 Ye 2 2 3 3 1 1 2 2 3 3 1 1 2 2 3 3 1 1 1 1	es mo	northeast southwest southeast southwest southeast northwest southeast northwest southeast northwest southeast northwest southeast northwest southeast northwest southeast southwest southwest southwest southwest southwest	43753.34 3981.98 5325.65 6775.96 4922.92 12557.61 4883.87 2137.65 12044.34 1137.47 1639.56 5649.72 8516.83 9644.25 14901.52 2130.68 8871.15 13012.21 37133.90 7147.11 4337.74 11743.30 20984.09 13880.95 6610.11 1980.07

## 213	24	male	28.5	2	no	northwest	3537.70
## 214	34	female		1		southeast	5002.78
## 215	45	female		2	no	southwest	8520.03
## 216	41	female		2	no	southwest	7371.77
## 217	53	female		0		northwest	10355.64
## 218	27	male		0	no	southeast	2483.74
## 219	26	female		1	no	southeast	3392.98
## 220	24	female	23.2	0	no	southeast	25081.77
## 221	34	female	33.7	1	no	southwest	5012.47
## 222	53	female	33.3	0	no	northeast	10564.88
## 223	32	male	30.8	3	no	southwest	5253.52
## 224	19	male	34.8	0	yes	southwest	34779.62
## 225	42	male	24.6	0	yes	southeast	19515.54
## 226	55	male		3	no	southeast	11987.17
## 227	28	male		0	no	southeast	2689.50
## 228	58	female		0	no	southeast	
## 229	41	female		1		northeast	7358.18
## 230	47	male		2	no	northeast	9225.26
## 231	42	female	36.2	1	no	northwest	7443.64
## 232	59	female	27.8	3	no	southeast	14001.29
## 233	19	female	17.8	0	no	southwest	1727.79
## 234	59	male	27.5	1	no	southwest	12333.83
## 235	39	male	24.5	2	no	northwest	6710.19
## 236	40	female	22.2	2	yes	southeast	19444.27
## 237	18	female		0	no	southeast	1615.77
## 238	31	male		2	no	southeast	4463.21
## 239	19	male		0	2	northwest	17352.68
## 240	44	male		1	no	southeast	7152.67
## 241	23	female	36.7	2	yes	northeast	38511.63
## 242	33	female	22.1	1	no	northeast	5354.07
## 243	55	female	26.8	1	no	southwest	35160.13
## 244	40	male	35.3	3	no	southwest	7196.87
## 245	63	female	27.7	0	yes	northeast	29523.17
## 246	54	male	30.0	0	no	northwest	24476.48
## 247	60	female	38.1	0	no	southeast	12648.70
## 248	24	male		0	no	southeast	1986.93
## 249	19	male		1	no	southwest	1832.09
## 250	29	male		1		northeast	4040.56
## 251	18	male		2	yes	northeast	12829.46
## 252	63	female		2	yes	southwest	47305.31
## 253	54	male	34.2	2	yes	southeast	44260.75
## 254	27	male	30.3	3	no	southwest	4260.74
## 255	50	male	31.8	0	yes	northeast	41097.16
## 256	55	female	25.4	3	no	northeast	13047.33
## 257	56	male	33.6	0	yes	northwest	43921.18
## 258	38	female	40.2	0	no	southeast	5400.98
## 259	51	male		4	no	northwest	11520.10
## 260	19	male		0		northwest	
## 261	58	female		0	-	southwest	
## 262	20	female		1	-	southeast	
## 263	52	male		3	_	northeast	
## 264	19	male		0	_	northwest	
## 265	53	female		3		southeast	
## 266	46	male		3	yes	southeast	46151.12
## 267	40	male	19.8	1	yes	southeast	17179.52
## 268	59	female	32.4	3	no	northeast	14590.63
## 269	45	male	30.2	1	no	southwest	7441.05
## 270	49	male	25.8	1	no	northeast	9282.48
## 271	18	male		1		southeast	1719.44
## 272	50	male		2		southwest	
## 273	41	male		2	_	northwest	7265.70
				1			
## 274	50	male				northeast	9617.66
## 275	25	male		0		northwest	2523.17
## 276	47	female		2		northeast	
## 277	19	male	20.6	2	no	northwest	2803.70
## 278	22	female	24.3	0	no	southwest	2150.47
## 279	59	male	31.8	2	no	southeast	12928.79
## 280	51	female	21.6	1	no	southeast	9855.13
## 281	40	female	28.1	1	yes	northeast	22331.57
## 282	54	male	40.6	3	yes	northeast	48549.18
## 283	30	male		1	-	northeast	
## 284	55	female		1		northeast	
## 205	52	famala		U		couthwest	0625 02

##	200	JZ	тешате		U	110	SOULIIWESL	2022.22
##	286	46	male	26.6	1	no	southeast	7742.11
##	287	46	female	48.1	2	no	northeast	9432.93
##	288	63	female	26.2	0	no	northwest	14256.19
##	289	59	female		1		northeast	47896.79
	290					2		
##		52	male		3	no	southeast	
##	291	28	female	33.4	0	no	southwest	3172.02
##	292	29	male	29.6	1	no	northeast	20277.81
##	293	25	male	45.5	2	yes	southeast	42112.24
##	294	22	female		0	no	southeast	2156.75
##	295	25	male		3	no	southwest	3906.13
##	296	18	male	23.0	0	no	northeast	1704.57
##	297	19	male	27.7	0	yes	southwest	16297.85
##	298	47	male	25.4	1	yes	southeast	21978.68
##	299	31	male		3	ves	northwest	
						_		
##	300	48	female		1		northwest	9249.50
##	301	36	male	27.6	3	no	northeast	6746.74
##	302	53	female	22.6	3	yes	northeast	24873.38
##	303	56	female	37.5	2	no	southeast	12265.51
##	304	28	female	33 N	2	no	southeast	4349.46
##	305	57	female		2	no	southwest	
##	306	29	male	33.3	2	no	northwest	19442.35
##	307	28	female	27.5	2	no	southwest	20177.67
##	308	30	female	33.3	1	no	southeast	4151.03
##	309	58	male		0		northeast	
			female					
##	310	41			2		northwest	7749.16
##	311	50	male	26.6	0	no	southwest	8444.47
##	312	19	female	24.7	0	no	southwest	1737.38
##	313	43	male	36.0	3	yes	southeast	42124.52
##	314	49	male	35 9	0	no	southeast	8124.41
##	315	27	female		0	yes	southwest	34838.87
##	316	52	male	33.3	0	no	northeast	9722.77
##	317	50	male	32.2	0	no	northwest	8835.26
##	318	54	male	32.8	0	no	northeast	10435.07
##	319	44	female	27 6	0	no	northwest	7421.19
	320	32					northeast	
##			male		1			4667.61
##	321	34	male	25.3	1	no	northwest	4894.75
##	322	26	female	29.6	4	no	northeast	24671.66
##	323	34	male	30.8	0	ves	southwest	35491.64
##	324	57	male	40 9	0	no	northeast	11566 30
##	325	29	male		0			2866.09
							southwest	
##	326	40	male	34.1	1	no	northeast	6600.21
##	327	27	female	23.2	1	no	southeast	3561.89
##	328	45	male	36.5	2	yes	northwest	42760.50
##	329	64	female	33.8	1	Ves	southwest	47928.03
	330		male		0	-	southwest	
##		52						
##	331	61			1	-	northeast	
##	332	52	male	27.4	0	yes	northwest	24393.62
##	333	61	female	31.2	0	no	northwest	13429.04
##	334	56	female	28.8	0	nο	northeast	11658.38
##	335	43	female		2		northeast	
##	336	64	male		0		southwest	
##	337	60	male	25.7	0		southeast	
##	338	62	male	27.6	1	no	northwest	13937.67
##	339	50	male	32.3	1	yes	northeast	41919.10
##	340	46	female		1	_	southeast	
##	341	24	female		0		southwest	
##	342	62	male	30.0	0	no	northwest	13352.10
##	343	60	female	27.6	0	no	northeast	13217.09
##	344	63	male	36.8	0	no	northeast	13981.85
##	345	49	female		4		southeast	
##	346	34	female		3		southeast	
##	347	33	male		2		southeast	
##	348	46	male	33.3	1	no	northeast	8334.46
##	349	36	female	29.9	1	no	southeast	5478.04
##	350	19	male	27.8	0		northwest	1635.73
##	351	57	female		0		northwest	
##	352	50	female		0		southwest	8932.08
##	353	30	female	27.7	0	no	southwest	3554.20
##	354	33	male	35.2	0	no	northeast	12404.88
##	355	18	female	38.3	0	nο	southeast	14133.04
##	356	46	male		0		southwest	
##	357	46	male	43.9	3	no	southeast	8944.12

```
## 358
       47 male 29.8
                          3
                              no northwest 9620.33
## 359
       23 male 41.9
                          0 no southeast 1837.28
## 360
       18 female 20.8
                          0 no southeast 1607.51
                          2
       48 female 32.3
## 361
                             no northeast 10043.25
## 362
       35 male 30.5
                          1
                               no southwest 4751.07
       19 female 21.7
                          0
## 363
                              yes southwest 13844.51
                          1
## 364
       21 female 26.4
                               no southwest 2597.78
                          2
## 365
       21 female 21.9
                                no southeast 3180.51
                               no northeast 9778.35
## 366
       49 female 30.8
                           1
                                no northeast 13430.27
## 367
       56 female 32.3
                           3
## 368
       42 female 25.0
                           2
                                no northwest 8017.06
## 369
       44 male 32.0
                           2
                                no northwest
                                             8116.27
                          3
## 370
       18 male 30.4
                                no northeast 3481.87
                          0
## 371
       61 female 21.1
                                no northwest 13415.04
## 372
      57 female 22.2
                          0
                              no northeast 12029.29
## 373
      42 female 33.2
                          1
                               no northeast 7639.42
## 374
      26 male 32.9
                          2 yes southwest 36085.22
## 375
      20 male 33.3
                          0
                               no southeast 1391.53
       23 female 28.3
## 376
                          0 yes northwest 18033.97
## 377
       39 female 24.9
                          3
                              yes northeast 21659.93
## 378
       24 male 40.2
                           0
                              yes southeast 38126.25
                              no northwest 16455.71
## 379
       64 female 30.1
                           3
## 380
       62 male 31.5
                           1
                                no southeast 27000.98
## 381
       27 female 18.0
                           2
                               yes northeast 15006.58
## 382
       55 male 30.7
                           0
                               yes northeast 42303.69
                          0
       55 male 33.0
## 383
                                no southeast 20781.49
## 384
       35 female 43.3
                          2
                                no southeast 5846.92
## 385
       44 male 22.1
                          2
                               no northeast 8302.54
## 386
       19 male 34.4
                         0
                              no southwest 1261.86
## 387
       58 female 39.1
                         0 no southeast 11856.41
## 388
       50 male 25.4
                          2 no northwest 30284.64
## 389
       26 female 22.6
                          0 no northwest 3176.82
## 390
       24 female 30.2
                          3 no northwest 4618.08
                          4
## 391
       48 male 35.6
                              no northeast 10736.87
## 392
       19 female 37.4
                           0
                              no northwest 2138.07
                              no northeast 8964.06
## 393
       48 male 31.4
                           1
       49
## 394
           male 31.4
                           1
                                no northeast
                                             9290.14
## 395
       46 female 32.3
                           2
                                no northeast
                                             9411.01
       46 male 19.9
                          0
## 396
                                no northwest
                                             7526.71
                          3
## 397
       43 female 34.4
                                no southwest 8522.00
                          0
## 398
      21 male 31.0
                               no southeast 16586.50
## 399
      64 male 25.6
                          2
                               no southwest 14988.43
      18 female 38.2
## 400
                          0
                              no southeast 1631.67
## 401
      51 female 20.6
                         0 no southwest 9264.80
## 402
       47 male 47.5
                          1 no southeast 8083.92
## 403
       64 female 33.0
                          0 no northwest 14692.67
## 404
                           .3
                              no northwest 10269.46
       49 male 32.3
                               no southwest 3260.20
## 405
       31 male 20.4
                           0
                               no northeast 11396.90
## 406
       52 female 38.4
                           2
## 407
       33 female 24.3
                           0
                                no southeast
                                             4185.10
## 408
       47 female 23.6
                           1
                                no southwest
                                             8539.67
## 409
       38 male 21.1
                           3
                                no southeast
                                             6652.53
                          1
       32 male 30.0
                                no southeast 4074.45
## 410
                          0
       19 male 17.5
                              no northwest 1621.34
## 411
## 412
       44 female 20.2
                          1
                             yes northeast 19594.81
## 413
       26 female 17.2
                          2.
                             yes northeast 14455.64
       25 male 23.9
## 414
                               no southwest 5080.10
## 415
       19 female 35.2
                          0
                              no northwest 2134.90
## 416
       43 female 35.6
                          1
                               no southeast 7345.73
                          0
## 417
                               no southeast 9140.95
       52 male 34.1
                         2
                              yes southwest 18608.26
## 418
       36 female 22.6
## 419
       64 male 39.2
                           1
                               no southeast 14418.28
## 420
       63 female 27.0
                           0
                               yes northwest 28950.47
## 421
       64 male 33.9
                           0
                               ves southeast 46889.26
                                yes southeast 46599.11
## 422
       61
           male 35.9
                           0
       40 male 32.8
                          1
## 423
                                yes northeast 39125.33
       25 male 30.6
                          0
                                no northeast 2727.40
## 424
## 425
       48 male 30.2
                          2.
                               no southwest 8968.33
## 426
      45 male 24.3
                          5
                               no southeast 9788.87
## 427
       38 female 27.3
                          1
                               no northeast 6555.07
## 428
      18 female 29.2
                          0
                              no northeast 7323.73
## 429
       21 female 16.8
                          1 no northeast 3167.46
## 430
       27 female 30.4
                          3 no northwest 18804.75
```

## 4	431	19	male	33.1	0	no	southwest	23082.96
	132	29	female		2		northwest	4906.41
## 4	433	42	male	26.9	0	no	southwest	5969.72
## 4	434	60	female	30.5	0	no	southwest	12638.20
## 4	435	31	male	28.6	1	no	northwest	4243.59
## 4	136	60	male	33.1	3	no	southeast	13919.82
		22			0			
	137		male				northeast	2254.80
## 4	138	35	male	28.9	3	no	southwest	5926.85
## 4	139	52	female	46.8	5	no	southeast	12592.53
## 4	440	26	male	29.5	0	no	northeast	2897.32
	441	31	female	32 7	1	no	northwest	4738.27
	142	33	female		0	-	southwest	
## 4	443	18	male	43.0	0	no	southeast	1149.40
## 4	444	59	female	36.5	1	no	southeast	28287.90
## 4	445	56	male	26.7	1	ves	northwest	26109.33
## 4	146	45	female	33 1	0	=	southwest	7345.08
	147	60	male		0		northeast	12731.00
## 4	448	56	female	25.7	0	no	northwest	11454.02
## 4	449	40	female	29.6	0	no	southwest	5910.94
## 4	450	35	male	38.6	1	no	southwest	4762.33
	451	39	male		4	no	southwest	7512.27
	152	30	male		1	no	northwest	4032.24
## 4	453	24	male	23.4	0	no	southwest	1969.61
## 4	154	20	male	29.7	0	no	northwest	1769.53
## 4	155	32	male	46.5	2	no	southeast	4686.39
	156	59	male		0	no	southwest	
## 4	157	55	female	30.1	2	no	southeast	11881.97
## 4	458	57	female	30.5	0	no	northwest	11840.78
## 4	159	56	male	39.6	0	no	southwest	10601.41
## 4	160	40	female	33.0	3	no	southeast	7682.67
					3			
	461	49	female				southeast	
## 4	462	42	male	30.0	0	yes	southwest	22144.03
## 4	163	62	female	38.1	2	no	northeast	15230.32
## 4	164	56	male	25.9	0	no	northeast	11165.42
	165	19	male	25 2	0	no	northwest	1632.04
			female		1		southeast	
	166	30				-		
## 4	167	60	female	28.7	1	no	southwest	13224.69
## 4	468	56	female	33.8	2	no	northwest	12643.38
## 4	169	28	female	24.3	1	no	northeast	23288.93
## 4	170	18	female	24.1	1	no	southeast	2201.10
	471	27	male		0		southeast	
## 4	172	18	female	30.1	0	no	northeast	2203.47
## 4	173	19	female	29.8	0	no	southwest	1744.47
## 4	174	47	female	33.3	0	no	northeast	20878.78
## 4	175	54	male	25 1	3	VAS	southwest	25382 30
						_		
	176	61	male		1	-	northwest	
## 4	177	24	male	28.5	0	yes	northeast	35147.53
## 4	478	25	male	35.6	0	no	northwest	2534.39
## 4	179	21	male	36.9	0	no	southeast	1534.30
## 4	180	23	male	32 6	0	no	southeast	1824 29
	481	63	male		3		northwest	
	182	49	male		2		southeast	
## 4	183	18	female	31.4	0	no	southeast	1622.19
## 4	184	51	female	39.5	1	no	southwest	9880.07
	185	48	male		3		southwest	
	186	31	female		0		northeast	
## 4	187	54	female	21.5	3	no	northwest	
## 4	188	19	male	28.7	0	no	${\tt southwest}$	1253.94
## 4	189	44	female	38.1	0	yes	southeast	48885.14
	190	53	male		1	-	northwest	
	491		female		0		southwest	
	192	61	female		0		southeast	
## 4	193	18	female	25.1	0	no	northeast	2196.47
## 4	194	61	male	43.4	0	no	southwest	12574.05
	195	21	male		4		southwest	
		20				-		
	196		male		0		northeast	
	197	31	female		2		southwest	
## 4	198	45	male	28.7	2	no	southwest	8027.97
## 4	199	44	female	24.0	2	no	southeast	8211.10
	500		female		0		southwest	
	501	29	male		0		southwest	
						-		
	502	43	male		0		northeast	
1 ## 5	∠ U ろ	5.1	mala	33 3	1	1700	conthoset	2221Ω 11

##	JUJ	ЭT	шате			1	yes	SUULIIEASL	
##	504	19	male	30.3		0	yes	southeast	32548.34
##	505	38	female	28.9		1	no	southeast	5974.38
##	506	37	male	30.9		3	no	northwest	6796.86
##	507	22	male	31.4		1	no	northwest	2643.27
##	508	21	male			2		northwest	3077.10
##	509	24	female			0	no	northeast	3044.21
##	510	57	female	28.7	(	0	no	southwest	11455.28
##	511	56	male	32.1		1	no	northeast	11763.00
##	512	27	male	33.7		0	no	southeast	2498.41
##	513	51	male	22 4		0	no	northeast	9361.33
##	514	19	male			0		southwest	1256.30
							no		
##	515	39	male			1	yes	southwest	21082.16
##	516	58	male	35.7	(	0	no	southwest	11362.76
##	517	20	male	35.3		1	no	southeast	27724.29
##	518	45	male	30.5	:	2	no	northwest	8413.46
##	519	35	female	31.0		1	no	southwest	5240.77
##	520	31	male			0		northeast	3857.76
						-			
##	521	50	female	27.4	1	0	no	northeast	25656.58
##	522	32	female	44.2	(	0	no	southeast	3994.18
##	523	51	female	33.9	(	0	no	northeast	9866.30
##	524	38	female	37.7		0	no	southeast	5397.62
##	525	42	male	26.1		1	yes	southeast	38245.59
##	526	18	female			0	-	southeast	
							no		
##	527	19	female			2		northwest	
##	528	51	female			1	no	southwest	9861.03
##	529	46	male	39.4		1	no	northeast	8342.91
##	530	18	male	25.5	(	0	no	northeast	1708.00
##	531	57	male	42.1		1	yes	southeast	48675.52
##	532	62	female	31.7		0	no	northeast	14043.48
##	533	59	male			2	no	southeast	
##	534	37	male			0	no	southeast	
##	535	64	male	40.5	(	0	no	southeast	13831.12
##	536	38	male	28.0		1	no	northeast	6067.13
##	537	33	female	38.9	;	3	no	southwest	5972.38
##	538	46	female	30.2		2	no	southwest	8825.09
##	539	46	female	28 1		1	no	southeast	8233.10
##	540	53	male			0		southeast	
							no		
##	541	34	female			3	no	southwest	6196.45
##	542	20	female	31.8		2	no	southeast	3056.39
##	543	63	female	36.3		0	no	southeast	13887.20
##	544	54	female	47.4		0	yes	southeast	63770.43
##	545	54	male	30.2		0	no	northwest	10231.50
##	546	49	male			2		northwest	
							-		
##	547	28	male			0		northeast	
##	548	54	female	46.7	:	2	no	southwest	11538.42
##	549	25	female	28.6	(	0	no	northeast	3213.62
##	550	43	female	46.2	(	0	yes	southeast	45863.21
##	551	63	male	30.8		0	no	southwest	13390.56
##	552	32	female			0		southeast	
##	553	62	male			0		southwest	
##	554	52	female			2		northwest	
##	555	25	female			0		northeast	
##	556	28	male	23.8	:	2	no	southwest	3847.67
##	557	46	male	33.4		1	no	northeast	8334.59
##	558	34	male	34.2		0	no	southeast	3935.18
##	559		female			3		northwest	
							_		
##	560	19	male			0		northwest	
##	561		female			2		northwest	
##	562	54	female	32.7	(	0	no	northeast	10923.93
##	563	27	male	30.5	(	0	no	southwest	2494.02
##	564	50	male	44.8		1	no	southeast	9058.73
##	565	18	female	32.1	:	2	no	southeast	2801.26
##	566		female			0		northwest	
##	567	38	female			1		northwest	
##	568	41	male			2		northwest	
##	569	49	female	31.9		5	no	southwest	11552.90
##	570	48	male	40.6	;	2	yes	northwest	45702.02
##	571	31	female	29.1		0	no	southwest	3761.29
##	572		female			1		southeast	
##	573		female			2		southeast	
##	574		female			1		northeast	
##	575	57	female	34.3	2	2	no	northeast	13224.06

##	576	58	female	27.2	0	no	northwest	12222.90
##	577	22	male	26.8	0	no	southeast	1665.00
##	578	31	female	38.1	1	yes	northeast	58571.07
##	579	52	male	30.2	1	no	southwest	9724.53
##	580	25	female	23.5	0	no	northeast	3206.49
##	581	59	male	25.5	1	no	northeast	12913.99
##	582	19	male	30.6	0	no	northwest	1639.56
##	583	39	male	45.4	2	no	southeast	6356.27
##	584	32	female	23.7	1	no	southeast	17626.24
	585	19	male		0		southwest	
	586		female		1	no	southeast	4779.60
	587	21	male		3		northeast	
	588		female		1		northwest	
	589		female		0	-	northeast	
	590		female		1		southeast	
	591		female		0		southwest	
	592	47	male		1		northwest	
	593	20	male		2		southeast	
	594	21	female		1	_	northeast	
##	595	41	male		0		southeast	
##	596	46	${\tt female}$	33.7	1	no	northeast	8823.99
##	597	42	female	29.5	2	no	southeast	7640.31
##	598	34	female	33.3	1	no	northeast	5594.85
##	599	43	male	32.6	2	no	southwest	7441.50
##	600	52	female	37.5	2	no	northwest	33471.97
	601		female		0		southeast	
	602	51	male		0		northwest	
	603		female		0		southwest	
	604		female		3		southeast	
	605		female		0		northwest	
	606		female		0	-	southeast	
	607		female		0		northeast	
	608		female		0	-	northwest	
	609		male		2		northeast	
	610	30	male		2	_	southwest	
##	611	47	female	29.4	1	no	southeast	8547.69
##	612	38	female	34.8	2	no	southwest	6571.54
##	613	18	female	33.2	0	no	northeast	2207.70
##	614	34	female	19.0	3	no	northeast	6753.04
##	615	20	female	33.0	0	no	southeast	1880.07
	616		female				southeast	
	617		female		0	4	northeast	
	618	49	male		2		southwest	
	619		female		0	4	southeast	
	620		female		0	-	southwest	
	621	30	male		1		southwest	
	622	37	male		4	-	southwest	
	623		female		1		southwest	
	624	18	male		0	_	northeast	
##	625	59	male	28.8	0	no	northwest	12129.61
##	626	29	female	26.0	0	no	northwest	3736.46
##	627	36	male	28.9	3	no	northeast	6748.59
##	628	33	male	42.5	1	no	southeast	11326.71
##	629	58	male	38.0	0	no	southwest	11365.95
	630		female		0		northwest	
	631	53	male		1	-	southwest	
	632	24	male		0		southwest	
	633		female		0		southeast	
	634							
		40	male		2		northeast	
	635	51	male		1		southwest	
	636	64	male		0		northeast	
	637		female		1		northwest	
	638		female		2		northeast	
##	639	39	male	26.4	0	yes	northeast	20149.32
##	640	56	male	33.7	4	no	southeast	12949.16
##	641	33	male	42.4	5	no	southwest	6666.24
11 11		4.0	male	28.3	3	yes	northwest	32787.46
##	642	42				no	northeast	13143.86
##	642 643	61	male	33.9	0	110	nor cheap c	
## ##		61			0		northwest	
## ## ##	643	61	male	35.0		no		4466.62
## ## ##	643 644 645	61 23 43	male female male	35.0 35.3	3 2	no no	northwest southeast	4466.62 18806.15
# # # # # # # #	643 644 645 646	61 23 43 48	male female male	35.0 35.3 30.8	3 2 3	no no no	northwest southeast northeast	4466.62 18806.15 10141.14
## ## ## ##	643 644 645	61 23 43 48 39	male female male	35.0 35.3 30.8 26.2	3 2	no no no	northwest southeast	4466.62 18806.15 10141.14 6123.57

## 64	9 18	male	28 5	0	no	northeast	1712.23
## 65		female		0		northeast	
## 65		female		2	no	southeast	9800.89
## 65	2 53	female	39.6	1	no	southeast	10579.71
## 65	3 48	female	31.1	0	no	southeast	8280.62
## 65	4 45	female	36.3	2	no	southeast	8527.53
## 65	5 59	female	35.2	0	no	southeast	12244.53
## 65		female		2	yes	southeast	
					-		
## 65		female		1		southwest	3410.32
## 65	8 27	male	33.2	2	no	northwest	4058.71
## 65	9 48	female	35.9	1	no	northeast	26392.26
## 66	50 57	female	28.8	4	no	northeast	14394.40
## 66	1 37	male	46.5	3	no	southeast	6435.62
## 66	2 57	female	24 0	1	no	southeast	22192 44
## 66		female		1		northeast	5148.55
## 66		male		0		southeast	1136.40
## 66	5 64	female	23.0	0	yes	southeast	27037.91
## 66	6 43	male	38.1	2	yes	southeast	42560.43
## 66	7 49	male	28.7	1	no	southwest	8703.46
## 66	8 40	female	32.8	2	ves	northwest	40003.33
## 66	9 62	male	32 N	0	-	northeast	
		female		1	-		6500.24
## 67						southeast	
## 67		male		3	no	southeast	4837.58
## 67	2 29	female	31.2	0	no	northeast	3943.60
## 67	3 36	male	29.7	0	no	southeast	4399.73
## 67	4 41	female	31.0	0	no	southeast	6185.32
## 67	5 44	female	43.9	2	yes	southeast	46200.99
## 67	6 45	male	21.4	0	no	northwest	7222.79
## 67		female		3			12485.80
		male		3			
					-	northwest	
## 67		male		3		southwest	
## 68	0 49	female	23.2	2	no	northwest	10156.78
## 68	1 21	female	17.4	1	no	southwest	2585.27
## 68	2 19	male	20.3	0	no	southwest	1242.26
## 68	3 39	male	35.3	2	yes	southwest	40103.89
## 68	4 53	male	24.3	0	_	northwest	9863.47
## 68		female		1		southwest	4766.02
## 68		male		2		northeast	
## 68		male		2	no	northeast	7729.65
## 68		male	41.7	0	no	southeast	5438.75
## 68	9 47	female	24.1	1	no	southwest	26236.58
## 69	0 27	male	31.1	1	yes	southeast	34806.47
## 69	1 21	male	27.4	0	no	northeast	2104.11
## 69		male		1	no	southwest	8068 19
## 69		male		1		northwest	
## 69		male		0		northwest	
## 69	5 27	female	34.8	1	no	southwest	3578.00
## 69	6 26	female	40.2	0	no	northwest	3201.25
## 69	7 53	female	32.3	2	no	northeast	29186.48
## 69	8 41	male	35.8	1	ves	southeast	40273.65
## 69		male		0	-	northwest	
## 70				2		southeast	
## 70				0		southeast	
## 70		female		0		northeast	
## 70	3 53	male	41.5	0	no	southeast	9504.31
## 70	4 34	female	26.4	1	no	northwest	5385.34
## 70	5 47	female	29.5	1	no	northwest	8930.93
## 70	6 33	female	32.9	2	no	southwest	5375.04
## 70				0		southeast	
		male		3	-	northwest	
## 70				3		northeast	
## 71				0		northeast	
## 71	1 18	male	35.2	1	no	southeast	1727.54
## 71	2 50	female	23.5	2	no	southeast	10107.22
## 71	.3 43	female	30.7	2	no	northwest	8310.84
## 71		male		0		northeast	
## 71		female		0		southwest	
## 71		male		0		southwest	
## 71				1		northwest	
## 71		male		1		northwest	
## 71	9 51	female		2	no	northwest	10848.13
## 72	0 58			0	no	northwest	
## 70	1 51	fomalo	10 7	$\cap$	no	northoset	0275 62

ì	π π	/ <u>_</u>	JΤ	тешате	4∪./		110	HOT CHEAS C	2010.00	
	##	722	53	male	36.6	3	no	southwest	11264.54	
	##	723	62	male	37.4	C	no	southwest	12979.36	
		724	19	male				southwest		
	##	725		female		1		northeast		
	##	726	30	female	39.1	3	yes	southeast	40932.43	
	##	727	41	male	28.4	1	no	northwest	6664.69	
	##	728	29	female	21.8	1	yes	northeast	16657.72	
	##	729	1.8	female	40.3	C	no	northeast	2217.60	
	##	730		female		1				
								southeast		
	##	731	35	male		3	yes	southeast	19362.00	
	##	732	53	male	21.4	1	no	southwest	10065.41	
	##	733	24	female	30.1	3	no	southwest	4234.93	
	##	734	48	female	27.3	1	no	northeast	9447.25	
	##	735	59	female	32 1	3	no	southwest	14007 22	
						1				
		736		female				northwest		
	##	737	3 /	female		C	yes	southeast	40419.02	
	##	738	26	male	23.7	2	no	southwest	3484.33	
	##	739	23	male	31.7	3	yes	northeast	36189.10	
	##	740	29	male	35.5	2	ves	southwest	44585.46	
	##	741	45	male	24 0	2	-	northeast		
		742	27	male		C	4	southeast		
	##	743	53	male	34.1	C	yes	northeast	43254.42	
	##	744	31	female	26.6	C	no	southeast	3757.84	
	##	745	50	male	26.4	C	no	northwest	8827.21	
	##	746	50	female	30.1	1	no	northwest	9910.36	
		747	34	male		2		southwest		
			19			2				
		748		male				northwest		
	##	749	47	female	36.0	1	no	southwest	8556.91	
	##	750	28	male	30.9	C	no	northwest	3062.51	
	##	751	37	female	26.4	C	yes	southeast	19539.24	
	##	752	21	male	29.0	C	no	northwest	1906.36	
		753	64	male		C		northwest		
	##	754		female		C		southeast		
	##	755	24	male	33.6	4	no	northeast	17128.43	
	##	756	31	male	27.6	2	no	northeast	5031.27	
	##	757	39	female	22.8	3	no	northeast	7985.82	
	##	758	47	female	27.8	C	ves	southeast	23065.42	
		759	30	male		3	_	northeast	5428.73	
	##	760	18	male		C	-	southeast		
	##	761	22	female	34.6	2	no	northeast	3925.76	
	##	762	23	male	35.2	1	no	southwest	2416.96	
	##	763	33	male	27.1	1	yes	southwest	19040.88	
	##	764	27	male	26.0	C	no	northeast	3070.81	
		765		female		2		northeast		
								northwest		
		766		female		C				
	##	767	47	male		1	no	southwest	8062.76	
	##	768	42	female	29.0	1	no	southwest	7050.64	
	##	769	64	female	39.7	C	no	southwest	14319.03	
	##	770	38	female	19.5	2	no	northwest	6933.24	
	##	771	61	male	36.1	3	no	southwest	27941.29	
		772		female		2		southwest		
				female				northeast		
	##	773				C				
		774		female		C	_	northwest		
	##	775	41	male	34.2	2	no	northwest	7261.74	
	##	776	51	male	33.3	3	no	southeast	10560.49	
	##	777	40	male	32.3	2	no	northwest	6986.70	
	##	778	45	male	39.8	C	no	northeast	7448.40	
		779	35	male		3		southeast		
	##	780	53			C		northwest		
		781	30			3	-	southwest		
	##	782	18	male	41.1	C	no	southeast	1146.80	
	##	783	51	male	36.0	1	no	southeast	9386.16	
	##	784	50	female	27.6	1	yes	southwest	24520.26	
	##	785		female		1	-	southeast		
		786		female		3		southwest		
		787	60	male		C		northeast		
	##	788	21	male	36.9	C	no	northwest	1917.32	
	##	789	29	male	22.5	3	no	northeast	5209.58	
	##	790	62	female	29.9	C	no	southeast	13457.96	
		791	39	female	41.8	C		southeast		
		792	19	male		C		southwest		
	##	793	22	female	23.2	C	no	northeast	2/31.91	

```
0
## 794
       53 male 20.9
                              yes southeast 21195.82
## 795
       39 female 31.9
                                no northwest 7209.49
                          2.
## 796
       27 male 28.5
                          Ο
                              yes northwest 18310.74
                          2
## 797
       30 male 44.2
                               no southeast 4266.17
## 798
       30 female 22.9
                          1
                               no northeast 4719.52
## 799
       58 female 33.1
                          0
                               no southwest 11848.14
                          0
## 800
       33 male 24.8
                              yes northeast 17904.53
                          1
                               no southeast 7046.72
## 801
       42 female 26.2
                               no southeast 14313.85
## 802
       64 female 36.0
                           0
## 803
       21 male 22.3
                           1
                                no southwest 2103.08
## 804
       18 female 42.2
                           0
                               yes southeast 38792.69
## 805
       23 male 26.5
                           0
                                no southeast 1815.88
                          0
                                no northwest 7731.86
       45 female 35.8
## 806
                          1
       40 female 41.4
                                no northwest 28476.73
## 807
                          0
## 808
      19 female 36.6
                              no northwest 2136.88
## 809
      18 male 30.1
                          0
                              no southeast 1131.51
## 810
      25 male 25.8
                          1 no northeast 3309.79
## 811
      46 female 30.8
                          3 no southwest 9414.92
## 812
       33 female 42.9
                          3 no northwest 6360.99
                          2
## 813
       54 male 21.0
                              no southeast 11013.71
## 814
       28 male 22.5
                          2
                               no northeast 4428.89
                          2
                               no southeast 5584.31
## 815
       36 male 34.4
                               no southeast
## 816
       20 female 31.5
                           0
                                             1877.93
                                no northwest
## 817
       24 female 24.2
                           0
                                             2842.76
## 818
       23 male 37.1
                           3
                                no southwest
                                             3597.60
                          1
       47 female 26.1
                              yes northeast 23401.31
## 819
                          0
                              yes northwest 55135.40
## 820
       33 female 35.5
## 821
      45 male 33.7
                          1
                                no southwest 7445.92
## 822
       26 male 17.7
                          0 no northwest 2680.95
## 823
       18 female 31.1
                          0 no southeast 1621.88
       44 female 29.8
60 male 24.3
## 824
                          2 no southeast 8219.20
## 825
                          0 no northwest 12523.60
                          2
       64 female 31.8
## 826
                               no northeast 16069.08
                          2 yes southeast 43813.87
## 827
       56 male 31.8
                          1
## 828
       36
           male 28.0
                              yes northeast 20773.63
           male 30.8
                              yes northeast 39597.41
## 829
       41
                           3
       39
## 830
            male 21.9
                           1
                                no northwest 6117.49
## 831
       63
           male 33.1
                           0
                                no southwest 13393.76
       36 female 25.8
                          0
## 832
                                no northwest 5266.37
                          2
## 833
      28 female 23.8
                                no northwest 4719.74
      58 male 34.4
                          0
## 834
                               no northwest 11743.93
## 835
      36 male 33.8
                          1
                               no northwest 5377.46
## 836
      42 male 36.0
                          2 no southeast 7160.33
## 837
       36 male 31.5
                          0 no southwest 4402.23
## 838
       56 female 28.3
                          0 no northeast 11657.72
## 839
       35 female 23.5
                          2 no northeast 6402.29
## 840
                          0
                               no northwest 12622.18
       59 female 31.4
                               no southwest 1526.31
## 841
       21 male 31.1
                           0
## 842
       59 male 24.7
                           0
                                no northeast 12323.94
## 843
       23 female 32.8
                           2
                               yes southeast 36021.01
                               yes southeast 27533.91
## 844
       57 female 29.8
                           0
                          0
## 845
       53 male 30.5
                                no northeast 10072.06
                          0
                              yes southeast 45008.96
## 846
       60 female 32.5
                                no southwest 9872.70
## 847
       51 female 34.2
                          1
                          1
## 848
       23 male 50.4
                               no southeast 2438.06
## 849
       27 female 24.1
                          0 no southwest 2974.13
## 850
       55 male 32.8
                          0 no northwest 10601.63
## 851
       37 female 30.8
                          0 yes northeast 37270.15
                          2
## 852
       61 male 32.3
                               no northwest 14119.62
                          0
## 853
       46 female 35.5
                              yes northeast 42111.66
                          2
## 854
       53 female 23.8
                               no northeast 11729.68
## 855
       49 female 23.8
                           3
                               ves northeast 24106.91
## 856
       20 female 29.6
                           0
                               no southwest 1875.34
## 857
       48 female 33.1
                           0
                                ves southeast 40974.16
## 858
       25 male 24.1
                           0
                                yes northwest 15817.99
                          1
## 859
       25 female 32.2
                                no southeast 18218.16
                          0
## 860
       57 male 28.1
                                no southwest 10965.45
## 861
       37 female 47.6
                          2.
                               ves southwest 46113.51
                               no southwest 7151.09
## 862
       38 female 28.0
                          3
## 863
       55 female 33.5
                          2
                              no northwest 12269.69
## 864
       36 female 19.9
                          0
                              no northeast 5458.05
## 865
       51 male 25.4
                          0
                              no southwest 8782.47
## 866
                          2
       40 male 29.9
                               no southwest 6600.36
```

##	867	18	male	37.3	0 no	southeast	1141.45
##	868	57	male		1 no	southwest	11576.13
							13129.60
##	869	61	male				
##	870	25	female	24.3	3 no	southwest	4391.65
##	871	50	male	36.2	0 no	southwest	8457.82
##	872	26	female	29.5	1 no	southeast	3392.37
##	873	42	male	24.9	0 no	southeast	5966.89
##	874	43	male			southwest	6849.03
##	875	44	male			northeast	8891.14
##	876	23	female	28.1	0 no	northwest	2690.11
##	877	49	female	27.1	1 no	southwest	26140.36
##	878	33	male	33.4	5 no	southeast	6653.79
##	879	41	male	28.8	1 no	southwest	6282.24
##	880	37	female	29 5	2 no	southwest	6311.95
##	881	22	male		3 no	southwest	3443.06
##	882	23	male		1 no	northwest	2789.06
##	883	21	female	22.1	0 no	northeast	2585.85
##	884	51	female	37.1	3 yes	northeast	46255.11
##	885	25	male	26.7	4 no	northwest	4877.98
##	886	32	male	28.9	1 yes	southeast	19719.69
##	887	57	male		2	northeast	
					<u> </u>		
##	888	36	female			northwest	5272.18
##	889	22	male	39.5	0 no	southwest	1682.60
##	890	57	male	33.6	1 no	northwest	11945.13
##	891	64	female	26.9	0 yes	northwest	29330.98
##	892	36	female	29.0	4 no	southeast	7243.81
##	893	54	male	24 0	0 no	northeast	10422.92
	894	47	male				44202.65
##					<u> </u>	southeast	
##	895	62	male			northeast	13555.00
##	896	61	female	44.0	0 no	southwest	13063.88
##	897	43	female	20.0	2 yes	northeast	19798.05
##	898	19	male	25.6	1 no	northwest	2221.56
##	899	18	female	40.3	0 no	southeast	1634.57
##	900	19	female	22 5	0 no	northwest	2117.34
##	901	49	male			northeast	8688.86
					_		
##	902	60	male		0 yes	southeast	
##	903	26	male	27.3	3 no	northeast	4661.29
##	904	49	male	36.9	0 no	southeast	8125.78
##	905	60	female	35.1	0 no	southwest	12644.59
##	906	26	female	29.4	2 no	northeast	4564.19
##	907	27	male	32.6	3 no	northeast	4846.92
	908		female				
						southeast	
##	909	63	male			southwest	
##	910			24.6	0 yes	southwest	17496.31
##		32	female		1 no		1,100.01
##	911	32 22	female male			northwest	2639.04
	911 912			28.3	0 yes		2639.04
##		22 18	male male	28.3 31.7		northeast	2639.04 33732.69
##	912 913	22 18 59	male male female	28.3 31.7 26.7	3 no	northeast northwest	2639.04 33732.69 14382.71
##	912 913 914	22 18 59 44	male male female female	28.3 31.7 26.7 27.5	3 no 1 no	northeast northwest southwest	2639.04 33732.69 14382.71 7626.99
##	912 913 914 915	22 18 59 44 33	male male female female male	28.3 31.7 26.7 27.5 24.6	3 no 1 no 2 no	northeast northwest southwest northwest	2639.04 33732.69 14382.71 7626.99 5257.51
## ## ##	912 913 914 915 916	22 18 59 44 33 24	male male female female male female	28.3 31.7 26.7 27.5 24.6 34.0	3 no 1 no 2 no 0 no	northeast northwest southwest northwest southeast	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33
##	912 913 914 915	22 18 59 44 33	male male female female male	28.3 31.7 26.7 27.5 24.6 34.0	3 no 1 no 2 no 0 no	northeast northwest southwest northwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33
## ## ##	912 913 914 915 916	22 18 59 44 33 24	male male female female male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9	3 no 1 no 2 no 0 no 0 yes	northeast northwest southwest northwest southeast	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32
## ## ##	912 913 914 915 916 917	22 18 59 44 33 24 43 45	male male female female female female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9	3 no 1 no 2 no 0 no 0 yes 0 yes	northeast northwest southwest northwest southeast northwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37
## ## ## ##	912 913 914 915 916 917 918	22 18 59 44 33 24 43 45	male male female female female female female female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no	northeast northwest southwest northwest southeast northwest northeast	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92
## ## ## ## ##	912 913 914 915 916 917 918 919	22 18 59 44 33 24 43 45 61 35	male male female female female female female female female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no	northeast northwest southwest southeast northwest northeast southeast southeast	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23
## ## ## ## ##	912 913 914 915 916 917 918 919 920	22 18 59 44 33 24 43 45 61 35	male male female female female female female female female female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no	northeast northwest southwest southeast northwest northeast southwest southeast southwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12
## ## ## ## ##	912 913 914 915 916 917 918 919 920 921	22 18 59 44 33 24 43 45 61 35 62 62	male male female female female female female female female female female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 0 no	northeast northwest southwest southeast northwest northeast southwest southeast southwest southwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52
## ## ## ## ## ##	912 913 914 915 916 917 918 919 920 921 922 923	22 18 59 44 33 24 43 45 61 35 62 62 38	male male female female female female female female female female female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no	northeast northwest southeast northwest northwest northeast southwest southeast southwest southwest southwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26
## ## ## ## ##	912 913 914 915 916 917 918 919 920 921	22 18 59 44 33 24 43 45 61 35 62 62	male male female female female female female female female female female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no	northeast northwest southwest southeast northwest northeast southwest southeast southwest southwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26
## ## ## ## ## ##	912 913 914 915 916 917 918 919 920 921 922 923	22 18 59 44 33 24 43 45 61 35 62 62 38	male male female female female female female female female female female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no	northeast northwest southeast northwest northwest northeast southwest southeast southwest southwest southwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41
## ## ## ## ## ##	912 913 914 915 916 917 918 919 920 921 922 923 924	22 18 59 44 33 24 43 45 61 35 62 62 38 34	male male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 1 no 0 no	northeast northwest southeast northwest northwest northeast southwest southwest southwest southwest northwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44
## ## ## ## ## ## ##	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926	22 18 59 44 33 24 43 61 35 62 62 38 34 43 50	male male female female female female female female female female female male male male male	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 1 no 0 no 1 no	northeast northwest southeast northwest northwest northeast southwest southwest southwest southwest northwest northwest northeast	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33
## ## ## ## ## ## ## ##	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927	22 18 59 44 33 24 43 61 35 62 62 38 34 43 50	male male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 1 no 0 no 2 no	northeast northwest southeast northwest northwest northeast southwest southwest southwest southwest northwest northwest southw	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57
## ## ## ## ## ## ## ##	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928	22 18 59 44 33 24 43 61 35 62 62 38 34 43 50 19	male male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 0 no 2 no 1 no	northeast northwest southeast northwest northwest northeast southwest southwest southwest southwest northwest southwest northeast southwest southw	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33
## ## ## ## ## ## ## ## ##	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928	22 18 59 44 33 24 43 61 35 62 62 38 34 43 50 19 57 62	male male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1 39.2	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 2 no 1 no 0 no 1 no 0 no 1 no 0 no 0 no	northeast northwest southeast northwest northwest northeast southwest southwest southwest southwest northwest southwest northeast southwest southw	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80
# # # # # # # # # # # # # # # # # # #	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930	22 18 59 44 33 24 43 61 35 62 62 38 34 43 50 19 57 62 41	male male female male male male male	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1 39.2 34.2	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 2 no 1 no 0 no 1 no	northeast northwest southwest southeast northwest northeast southwest southwest southwest southwest northeast southwest southw	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75
## ## ## ## ## ## ## ## ##	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928	22 18 59 44 33 24 43 61 35 62 62 38 34 43 50 19 57 62	male male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1 39.2 34.2	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 2 no 1 no 0 no 1 no	northeast northwest southeast northwest northwest northeast southwest southwest southwest southwest northwest southwest northeast southwest southw	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75
# # # # # # # # # # # # # # # # # # #	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930	22 18 59 44 33 24 43 61 35 62 62 38 34 43 50 19 57 62 41	male male female male male male male	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1 39.2 34.2	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 1 no 1 no 1 no	northeast northwest southwest southeast northwest northeast southwest southwest southwest southwest northeast southwest southw	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75 2927.06
# # # # # # # # # # # # # # # # # # #	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931	22 18 59 44 33 24 43 45 61 35 62 38 34 43 50 19 57 62 41 26	male male female female female female female female female female female male male male male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 123.4 20.1 39.2 34.2 46.5 32.5	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 1 no 1 no 1 no 1 no	northeast northwest southwest southeast northwest northeast southwest southwest southwest southwest northeast southwest northeast southwest southw	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75 2927.06 6238.30
# # # # # # # # # # # # # # # # # # #	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931	22 18 59 44 33 24 43 45 61 35 62 38 34 43 50 19 57 62 41 26 39	male male female female female female female female female female female male male male female female female female female female female female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1 39.2 34.2 46.5 32.5 25.8	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 1 no 0 no 1 no 1 no 1 no 0 no 2 no 1 no 1 no 0 no 1 no 1 no 0 no	northeast northwest southeast southeast southwest southwest southwest northeast southwest northeast southwest northeast southwest northeast southwest southwest southeast southeast southeast southeast southeast southwest southeast southeast southeast southwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75 2927.06 6238.30 10096.97
# # # # # # # # # # # # # # # # # # #	912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 933	22 18 59 44 33 24 43 45 61 35 62 38 34 43 50 19 57 62 41 26 39 46 45	male male female female female female female female female female female male male male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1 39.2 34.2 46.5 32.5 25.8 35.8	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 1 no 1 no 1 no 0 no 2 no 1 no 1 no 0 no 1 no 1 no 1 no 1 no	northeast northwest southwest southeast northwest northeast southwest southwest southwest southwest northeast southwest northeast southwest southwest southeast southeast southeast southeast southeast southeast southwest southeast southwest southw	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75 2927.06 6238.30 10096.97 7348.14
# # # # # # # # # # # # # # # # # # #	912 913 914 915 916 917 918 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935	22 18 59 44 33 24 43 45 61 35 62 38 34 43 50 19 57 62 41 26 39 46 45 32	male male female female female female female female female female female male male male female female female female female female female male male male male male male male	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1 39.2 34.2 46.5 32.5 25.8 35.8	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 2 no 1 no 0 no 1 no 1 no 1 no 1 no 2 no 2 no 1 no 0 no 1 no 0 no 2 no 1 no 0 no 1 no 1 no 1 no 1 no 1 no 1 no	northeast northwest southeast northwest southeast southwest southwest southwest southwest northeast southwest northeast southwest southwest southeast southeast southeast southeast southwest southwest southwest southwest southwest southwest southwest southwest southeast southeast southeast southeast southeast southeast southeast southeast	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75 2927.06 6238.30 10096.97 7348.14 4673.39
# # # # # # # # # # # # # # # # # # #	912 913 914 915 916 917 918 920 921 922 923 924 925 926 927 930 931 932 933 934 935 936	22 18 59 44 33 24 43 45 61 35 62 38 34 43 50 19 57 62 41 26 39 46 45 32 59	male male female male male male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1 39.2 34.2 46.5 32.5 25.8 37.2 27.5	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 2 no 1 no 0 no 1 no 1 no 1 no 0 no 2 no 1 no 1 no 0 no 2 no 1 no 0 no 1	northeast northwest southwest southeast southwest southwest southwest southwest southwest southwest southwest southeast southeast southeast southeast southeast southwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75 2927.06 6238.30 10096.97 7348.14 4673.39 12233.83
# # # # # # # # # # # # # # # # # # #	912 913 914 915 916 917 918 920 921 922 923 924 925 926 927 930 931 932 933 934 935 936 937	22 18 59 44 33 24 43 45 61 35 62 38 34 43 50 19 57 62 41 26 39 46 45 32 59 44	male male female male male male female female female female female female female male female male male female male	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.1 23.4 20.1 39.2 34.2 46.5 32.5 25.8 37.2 27.5 29.7	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 2 no 2 no 2 no 1 no 0 no 1 no 0 no 2 no 1 no 0 no 1	northeast northwest southwest southeast southwest southwest southwest southwest southwest southwest southwest southwest southeast southeast southeast southeast southwest northeast northeast	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75 2927.06 6238.30 10096.97 7348.14 4673.39 12233.83 32108.66
# # # # # # # # # # # # # # # # # # #	912 913 914 915 916 917 918 920 921 922 923 924 925 926 927 930 931 932 933 934 935 936	22 18 59 44 33 24 43 45 61 35 62 38 34 43 50 19 57 62 41 26 39 46 45 32 59	male male female male male male female	28.3 31.7 26.7 27.5 24.6 34.0 26.9 22.9 28.2 34.2 25.0 33.2 31.0 35.8 23.2 32.1 23.4 20.1 39.2 34.2 46.5 32.5 25.8 37.2 27.5 29.7 24.2	3 no 1 no 2 no 0 no 0 yes 0 yes 0 no 1 no 0 no 1 no 0 no 2 no 2 no 2 no 1 no 0 no 1 no 0 no 2 no 1 no 0 no 1	northeast northwest southwest southeast southwest southwest southwest southwest southwest southwest southwest southeast southeast southeast southeast southeast southwest	2639.04 33732.69 14382.71 7626.99 5257.51 2473.33 21774.32 35069.37 13041.92 5245.23 13451.12 13462.52 5488.26 4320.41 6250.44 25333.33 2913.57 12032.33 13470.80 6289.75 2927.06 6238.30 10096.97 7348.14 4673.39 12233.83 32108.66

##	シンシ	ΤO	ша⊥⊏	∠∪.∠	∠	110	SUULIIEASL	4004.00
##	940	53	male	29.5	0	no	southeast	9487.64
##	941	18	male	23.2	0	no	southeast	1121.87
##	942	50	female	46 1	1	no	southeast	9549.57
					_			
##	943	18	female		0	no	northeast	2217.47
##	944	19	male	22.6	0	no	northwest	1628.47
##	945	62	male	39.9	0	no	southeast	12982.87
##	946	56	female	35.8	1	no	southwest	11674.13
					_			
##	947	42	male		2		southwest	7160.09
##	948	37	male	34.2	1	yes	northeast	39047.29
##	949	42	male	31.3	0	no	northwest	6358.78
##	950	25	male	29.7	3	ves	southwest	19933.46
##	951	57	male	10 3	0	-	northeast	
##	952	51	male		2	_	southeast	
##	953	30	female	28.4	1	no	northwest	4527.18
##	954	44	male	30.2	2	yes	southwest	38998.55
##	955	34	male	27.8	1	ves	northwest	20009.63
##	956	31	male		1	_	southeast	3875.73
					_			
##	957	54	male	30.8	1	yes	southeast	41999.52
##	958	24	male	26.8	1	no	northwest	12609.89
##	959	43	male	35.0	1	ves	northeast	41034.22
##	960	48	male		1	2	northwest	
					_			
##	961	19	female		1		northwest	2730.11
##	962	29	female	25.9	0	no	southwest	3353.28
##	963	63	female	35.2	1	no	southeast	14474.68
##	964	46	male	24.8	3	no	northeast	9500.57
		52						
##	965		male		2		northwest	
##	966	35	male	27.1	1	no	southwest	4746.34
##	967	51	male	24.8	2	yes	northwest	23967.38
##	968	44	male	25.4	1	no	northwest	7518.03
##	969	21	male		2		northeast	3279.87
##	970	39	female	34.3	5		southeast	8596.83
##	971	50	female	28.2	3	no	southeast	10702.64
##	972	34	female	23.6	0	no	northeast	4992.38
##	973	22	female	20 2	0	no	northwest	2527.82
	974	19	female					1759.34
##					0		southwest	
##	975	26	male	35.4	0	no	southeast	2322.62
##	976	29	male	22.9	0	yes	northeast	16138.76
##	977	48	male	40.2	0	no	southeast	7804.16
##	978	26	male	29 2	1	no	southeast	2902.91
##	979	45	female	40.0	3	no	northeast	9704.67
##	980	36	female	29.9	0	no	southeast	4889.04
##	981	54	male	25.5	1	no	northeast	25517.11
##	982	34	male	21 4	0		northeast	
##		31	male		3		southwest	
	983					-		
##	984	27	female	30.6	1	no	northeast	16796.41
##	985	20	male	30.1	5	no	northeast	4915.06
##	986	44	female	25.8	1	no	southwest	7624.63
##	987	43	male		3		northwest	
##	988		female		1		northwest	
##	989	34	male	34.7	0		northeast	
##	990	24	female	20.5	0	yes	northeast	14571.89
##	991	26	female	19.8	1	no	southwest	3378.91
##	992		female		2		northeast	
##	993		female		2		southwest	
##	994	38	male	28.3	1	no	southeast	5484.47
##	995	27	female	20.0	3	yes	northwest	16420.49
##	996	39	female	23.3	3	no	northeast	7986.48
			female				southwest	
##	997				3			
##	998	63	female		0	no	southeast	13887.97
##	999	33	female	36.3	3	no	northeast	6551.75
##	1000	36	female	26.9	0	no	northwest	5267.82
##	1001	30	male		2		northwest	
						-		
##	1002	24	male		0	-	southwest	
##	1003	24	male	25.8	0	no	southwest	1972.95
##	1004	48	male	29.6	0	no	southwest	21232.18
##	1005	47	male	19.2	1	no	northeast	8627.54
##	1006	29	male		2		northwest	
##	1007	28	male		2	no	northeast	4438.26
##	1008	47	male	28.2	3	yes	northwest	24915.22
##	1009	25	male	25.0	2	no	northeast	23241.47
##		51	male		1	no	northeast	9957.72
##			female		0			
		40	тешать	44.0	U	110	southwest	0202.04

```
## 1012 43 male 20.1
                         2 yes southeast 18767.74
## 1013 61 female 33.3
                         4
                               no southeast 36580.28
                               no northwest 8765.25
## 1014 48 male 32.3
                         1
## 1015 38 female 27.6
                         0 no southwest 5383.54
## 1016 59 male 25.5
                         0 no northwest 12124.99
## 1017 19 female 24.6
                         1 no northwest 2709.24
## 1018 26 female 34.2
                         2
                              no southwest 3987.93
                         3
                              no northwest 12495.29
## 1019 54 female 35.8
                         2
                              no northwest 26018.95
## 1020 21 female 32.7
## 1021 51 male 37.0
                          0
                               no southwest 8798.59
## 1022 22 female 31.0
                          3
                               ves southeast 35595.59
                         1
## 1023 47 male 36.1
                              yes southeast 42211.14
## 1024 18 male 23.3
                         1
                               no southeast 1711.03
                         1
## 1025 47 female 45.3
                               no southeast 8569.86
## 1026 21 female 34.6
                         0
                               no southwest 2020.18
## 1027 19 male 26.0
                         1 yes northwest 16450.89
## 1028 23 male 18.7
                         0 no northwest 21595.38
## 1029 54 male 31.6
                         0 no southwest 9850.43
## 1030 37 female 17.3
                         2 no northeast 6877.98
## 1031 46 female 23.7
                         1 yes northwest 21677.28
                             yes southeast 44423.80
## 1032 55 female 35.2
                          0
## 1033 30 female 27.9
                          0
                               no northeast 4137.52
## 1034 18 male 21.6
                          0
                              yes northeast 13747.87
                              no northwest 12950.07
## 1035 61
           male 38.4
                          0
## 1036 54 female 23.0
                          3
                               no southwest 12094.48
## 1037 22 male 37.1
                         2
                             yes southeast 37484.45
## 1038 45 female 30.5
                         1
                             yes northwest 39725.52
## 1039 22 male 28.9
                         0
                              no northeast 2250.84
## 1040 19 male 27.3
                         2
                              no northwest 22493.66
## 1041 35 female 28.0
                         0 yes northwest 20234.85
## 1042 18 male 23.1
                         0 no northeast 1704.70
## 1043 20 male 30.7
                         0 yes northeast 33475.82
                         0
## 1044 28 female 25.8
                             no southwest 3161.45
                         1
## 1045 55 male 35.2
                               no northeast 11394.07
                         2
                              yes northwest 21880.82
## 1046 43 female 24.7
                              no northeast 7325.05
## 1047 43 female 25.1
                          0
## 1048 22 male 52.6
                          1
                              yes southeast 44501.40
## 1049 25 female 22.5
                          1
                               no northwest 3594.17
                         0
## 1050 49 male 30.9
                               yes southwest 39727.61
                         1
## 1051 44 female 37.0
                               no northwest 8023.14
                              no northeast 14394.56
## 1052 64 male 26.4
                         0
## 1053 49 male 29.8
                         1
                               no northeast 9288.03
## 1054 47 male 29.8
                         3 yes southwest 25309.49
## 1055 27 female 21.5
                         0 no northwest 3353.47
## 1056 55 male 27.6
                         0 no northwest 10594.50
## 1057 48 female 28.9
                         0 no southwest 8277.52
## 1058 45 female 31.8
                         0
                             no southeast 17929.30
## 1059 24 female 39.5
                          0
                              no southeast 2480.98
                              no northwest 4462.72
## 1060 32 male 33.8
                          1
                              no southeast
## 1061 24
           male 32.0
                          0
                                            1981.58
## 1062 57
           male 27.9
                          1
                               no southeast 11554.22
## 1063 59
           male 41.1
                          1
                              yes southeast 48970.25
                         3
## 1064 36 male 28.6
                               no northwest 6548.20
## 1065 29 female 25.6
                         4
                             no southwest 5708.87
                               no southwest 7045.50
## 1066 42 female 25.3
                         1
## 1067 48 male 37.3
                         2.
                             no southeast 8978.19
## 1068 39 male 42.7
                         0
                             no northeast 5757.41
## 1069 63 male 21.7
                         1
                              no northwest 14349.85
                         1
## 1070 54 female 31.9
                               no southeast 10928.85
                          1
## 1071 37 male 37.1
                             yes southeast 39871.70
## 1072 63
                              no northeast 13974.46
           male 31.4
                          0
                               no northwest 1909.53
## 1073 21
          male 31.3
                          Ω
                               no northeast 12096.65
## 1074 54 female 28.9
                          2
## 1075 60 female 18.3
                          0
                               no northeast 13204.29
## 1076 32 female 29.6
                          1
                               no southeast 4562.84
## 1077 47 female 32.0
                         1
                               no southwest 8551.35
## 1078 21 male 26.0
                         0
                               no northeast 2102.26
## 1079 28 male 31.7
                         0
                             yes southeast 34672.15
## 1080 63 male 33.7
                         3
                              no southeast 15161.53
## 1081 18 male 21.8
                         2 no southeast 11884.05
## 1082 32
           male 27.8
                         1 no northwest 4454.40
## 1083 38
           male 20.0
                         1 no northwest 5855.90
## 1084 32
           male 31.5
                         1
                              no southwest 4076.50
```

```
## 1085 62 female 30.5
                         2
                               no northwest 15019.76
                         5
## 1086 39 female 18.3
                             yes southwest 19023.26
                         0
                              no northeast 10796.35
## 1087 55 male 29.0
                              no northwest 11353.23
## 1088 57
           male 31.5
                          Ω
                              no southeast 9748.91
## 1089 52
           male 47.7
                          1
## 1090 56
           male 22.1
                          0
                               no southwest 10577.09
                              yes southeast 41676.08
## 1091 47
           male 36.2
                          0
                         0
## 1092 55 female 29.8
                               no northeast 11286.54
                         3
## 1093 23 male 32.7
                               no southwest 3591.48
                         0 yes northwest 33907.55
## 1094 22 female 30.4
## 1095 50 female 33.7
                         4
                              no southwest 11299.34
## 1096 18 female 31.4
                         4 no northeast 4561.19
## 1097 51 female 35.0
                         2 yes northeast 44641.20
                         Ω
## 1098 22 male 33.8
                              no southeast 1674.63
                         0
## 1099 52 female 30.9
                             no northeast 23045.57
                         1
## 1100 25 female 34.0
                               no southeast 3227.12
                         2
                             yes northeast 16776.30
## 1101 33 female 19.1
                              no southwest 11253.42
                          3
## 1102 53 male 28.6
## 1103 29
           male 38.9
                          1
                               no southeast 3471.41
## 1104 58
           male 36.1
                          0
                               no southeast 11363.28
                         0
## 1105 37 male 29.8
                               no southwest 20420.60
## 1106 54 female 31.2
                         0
                               no southeast 10338.93
## 1107 49 female 29.9
                         0
                              no northwest 8988.16
## 1108 50 female 26.2
                         2
                              no northwest 10493.95
## 1109 26 male 30.0
                         1
                              no southwest 2904.09
## 1110 45 male 20.4
                         3 no southeast 8605.36
## 1111 54 female 32.3
                         1
                              no northeast 11512.41
## 1112 38 male 38.4
                         3 yes southeast 41949.24
## 1113 48 female 25.9
                         3
                             yes southeast 24180.93
                          3
                              no northwest 5312.17
## 1114 28 female 26.3
                               no northeast 2396.10
## 1115 23 male 24.5
                          Ω
                              no southeast 10807.49
## 1116 55
           male 32.7
                          1
## 1117 41
           male 29.6
                          5
                               no northeast 9222.40
## 1118 25
                         2
           male 33.3
                               yes southeast 36124.57
                              yes southeast 38282.75
## 1119 33 male 35.8
                         1
## 1120 30 female 20.0
                         3
                               no northwest 5693.43
## 1121 23 female 31.4
                         0 yes southwest 34166.27
## 1122 46 male 38.2
                         2
                              no southeast 8347.16
## 1123 53 female 36.9
                         3 yes northwest 46661.44
## 1124 27 female 32.4
                         1
                              no northeast 18903.49
## 1125 23 female 42.8
                         1 yes northeast 40904.20
                         0
                              no northwest 14254.61
## 1126 63 female 25.1
                         0
                              no southwest 10214.64
## 1127 55 male 29.9
                         2
                              no southeast 5836.52
## 1128 35 female 35.9
                              no southwest 14358.36
## 1129 34 male 32.8
                          1
                         0
## 1130 19 female 18.6
                               no southwest 1728.90
                         5
## 1131 39 female 23.9
                               no southeast 8582.30
                         2
## 1132 27 male 45.9
                               no southwest 3693.43
                         0
## 1133 57 male 40.3
                              no northeast 20709.02
## 1134 52 female 18.3
                         0
                             no northwest 9991.04
## 1135 28 male 33.8
                         0 no northwest 19673.34
## 1136 50 female 28.1
                         3 no northwest 11085.59
## 1137 44 female 25.0
                         1 no southwest 7623.52
## 1138 26 female 22.2
                         0 no northwest 3176.29
## 1139 33 male 30.3
                         0
                               no southeast 3704.35
                         0
                             yes northwest 36898.73
## 1140 19 female 32.5
                              no southeast 9048.03
## 1141 50 male 37.1
                          1
                               no southwest
## 1142 41 female 32.6
                          3
                                            7954.52
## 1143 52 female 24.9
                          0
                               no southeast 27117.99
## 1144 39 male 32.3
                          2
                               no southeast 6338.08
## 1145 50 male 32.3
                          2
                               no southwest 9630.40
## 1146 52 male 32.8
                         3
                             no northwest 11289.11
## 1147 60 male 32.8
                         0 yes southwest 52590.83
## 1148 20 female 31.9
                         0 no northwest 2261.57
## 1149 55 male 21.5
                         1
                              no southwest 10791.96
## 1150 42 male 34.1
                         0 no southwest 5979.73
## 1151 18 female 30.3
                         0 no northeast 2203.74
## 1152 58 female 36.5
                         0
                              no northwest 12235.84
## 1153 43 female 32.6
                         3 yes southeast 40941.29
                              no northwest 5630.46
## 1154 35 female 35.8
                          1
                         4
                               no northwest 11015.17
## 1155 48 female 27.9
## 1156 36 female 22.1
                               no northeast 7228.22
                         \cap
## 1157 10 mala // 0
                               Tree equitheset 30722 75
```

```
## 11J/ 17 Maie 44.7
                          U
                              yes southeast Jaizz.iJ
## 1158 23 female 23.2
                          2
                               no northwest 14426.07
## 1159 20 female 30.6
                         0
                               no northeast 2459.72
## 1160 32 female 41.1
                          0
                               no southwest
                                            3989.84
                         1
## 1161 43 female 34.6
                               no northwest 7727.25
## 1162 34 male 42.1
                         2
                               no southeast 5124.19
## 1163 30 male 38.8
                         1
                              no southeast 18963.17
## 1164 18 female 28.2
                         0
                             no northeast 2200.83
## 1165 41 female 28.3
                         1
                              no northwest 7153.55
## 1166 35 female 26.1
                         0 no northeast 5227.99
## 1167 57 male 40.4
                         0 no southeast 10982.50
                         2
## 1168 29 female 24.6
                              no southwest 4529.48
## 1169 32 male 35.2
                         2
                              no southwest 4670.64
## 1170 37 female 34.1
                          1
                               no northwest 6112.35
## 1171 18 male 27.4
                          1
                              yes northeast 17178.68
                              yes southwest 22478.60
## 1172 43 female 26.7
                          2
                         0
## 1173 56 female 41.9
                               no southeast 11093.62
## 1174 38 male 29.3
                         2
                               no northwest 6457.84
## 1175 29 male 32.1
                         2
                              no northwest 4433.92
                         0
## 1176 22 female 27.1
                             no southwest 2154.36
## 1177 52 female 24.1
                         1 yes northwest 23887.66
## 1178 40 female 27.4
                         1
                              no southwest 6496.89
## 1179 23 female 34.9
                         0 no northeast 2899.49
## 1180 31 male 29.8
                         0 yes southeast 19350.37
                         1
## 1181 42 female 41.3
                             no northeast 7650.77
                         0
                              no northwest 2850.68
## 1182 24 female 29.9
                              no southwest 2632.99
## 1183 25 female 30.3
                          Ω
## 1184 48 female 27.4
                          1
                               no northeast 9447.38
## 1185 23 female 28.5
                              yes southeast 18328.24
                          1
## 1186 45 male 23.6
                          2
                               no northeast 8603.82
## 1187 20 male 35.6
                         3
                               yes northwest 37465.34
                         0
## 1188 62 female 32.7
                               no northwest 13844.80
## 1189 43 female 25.3
                         1
                             ves northeast 21771.34
## 1190 23 female 28.0
                         0
                              no southwest 13126.68
## 1191 31 female 32.8
                         2
                             no northwest 5327.40
## 1192 41 female 21.8
                         1
                              no northeast 13725.47
## 1193 58 female 32.4
                         1
                              no northeast 13019.16
                         0
## 1194 48 female 36.6
                             no northwest 8671.19
## 1195 31 female 21.8
                              no northwest 4134.08
                          0
3
                               no northwest 18838.70
                              yes northwest 33307.55
0
## 1198 41 male 33.6
                          0
                               no southeast
                                            5699.84
## 1199 40
           male 29.4
                          1
                               no northwest
                                            6393.60
                         2
## 1200 31 female 25.8
                               no southwest
                                            4934.71
## 1201 37 male 24.3
                         2
                               no northwest 6198.75
                         2
## 1202 46 male 40.4
                              no northwest 8733.23
                         0
## 1203 22 male 32.1
                             no northwest 2055.32
## 1204 51 male 32.3
                         1
                              no northeast 9964.06
## 1205 18 female 27.3
                         3 yes southeast 18223.45
## 1206 35 male 17.9
                         1
                              no northwest 5116.50
                         2
## 1207 59 female 34.8
                               no southwest 36910.61
                         2
                             yes southwest 38415.47
## 1208 36 male 33.4
                         1
                             yes northeast 20296.86
## 1209 37 female 25.6
                              no southwest 12347.17
## 1210 59 male 37.1
                          1
                               no northwest 5373.36
## 1211 36
           male 30.9
                          1
## 1212 39
           male 34.1
                          2
                               no southeast 23563.02
## 1213 18 male 21.5
                         0
                               no northeast 1702.46
## 1214 52 female 33.3
                         2
                               no southwest 10806.84
## 1215 27 female 31.3
                         1
                               no northwest 3956.07
## 1216 18 male 39.1
                         0
                              no northeast 12890.06
## 1217 40 male 25.1
                         0
                              no southeast 5415.66
## 1218 29 male 37.3
                         2
                              no southeast 4058.12
## 1219 46 female 34.6
                         1 yes southwest 41661.60
                         3
## 1220 38 female 30.2
                              no northwest 7537.16
## 1221 30 female 21.9
                         1
                             no northeast 4718.20
                              no southeast 6593.51
                         2
## 1222 40 male 25.0
## 1223 50 male 25.3
                          Ω
                               no southeast 8442.67
                              yes southeast 26125.67
## 1224 20 female 24.4
                          0
## 1225 41 male 23.9
                          1
                               no northeast 6858.48
## 1226 33 female 39.8
                          1
                               no southeast
                                            4795.66
## 1227 38 male 16.8
                          2
                               no northeast 6640.54
## 1228 42 male 37.2
                         2
                             no southeast 7162.01
## 1229 56 male 34.4
                         0 no southeast 10594.23
```

```
## 1230 58 male 30.3
                         Ω
                               no northeast 11938.26
## 1231 52 male 34.5
                         3 yes northwest 60021.40
## 1232 20 female 21.8
                         Ο
                             yes southwest 20167.34
## 1233 54 female 24.6
                         3 no northwest 12479.71
## 1234 58 male 23.3
                         0 no southwest 11345.52
## 1235 45 female 27.8
                         2 no southeast 8515.76
## 1236 26 male 31.1
                         0
                             no northwest 2699.57
                         0
                             no northeast 14449.85
## 1237 63 female 21.7
                              no northwest 12224.35
## 1238 58 female 28.2
                          0
                              no northeast 6985.51
## 1239 37 male 22.7
                          3
## 1240 25 female 42.1
                          1
                               no southeast 3238.44
                         2
## 1241 52 male 41.8
                               yes southeast 47269.85
                         2
## 1242 64 male 37.0
                               yes southeast 49577.66
## 1243 22 female 21.3
                         3
                               no northwest 4296.27
## 1244 28 female 33.1
                         0
                              no southeast 3171.61
## 1245 18 male 33.3
                         0
                             no southeast 1135.94
## 1246 28 male 24.3
                         5 no southwest 5615.37
## 1247 45 female 25.7
                         3 no southwest 9101.80
## 1248 33 male 29.4
                         4 no southwest 6059.17
## 1249 18 female 39.8
                         0 no southeast 1633.96
## 1250 32 male 33.6
                          1 yes northeast 37607.53
          male 29.8
                             yes northeast 18648.42
## 1251 24
                          0
## 1252 19
           male 19.8
                          0
                               no southwest 1241.57
                              yes southwest 16232.85
## 1253 20
           male 27.3
                          0
## 1254 40 female 29.3
                          4
                               no southwest 15828.82
                         0
## 1255 34 female 27.7
                               no southeast 4415.16
## 1256 42 female 37.9
                         0
                             no southwest 6474.01
## 1257 51 female 36.4
                         3
                             no northwest 11436.74
## 1258 54 female 27.6
                         1
                              no northwest 11305.93
## 1259 55 male 37.7
                         3 no northwest 30063.58
## 1260 52 female 23.2
                         0 no northeast 10197.77
## 1261 32 female 20.5
                         0 no northeast 4544.23
## 1262 28 male 37.1
                         1 no southwest 3277.16
## 1263 41 female 28.1
                         1 no southeast 6770.19
                         1
                              no southwest 7337.75
## 1264 43 female 29.9
## 1265 49 female 33.3
                          2
                               no northeast 10370.91
## 1266 64 male 23.8
                          0
                              yes southeast 26926.51
## 1267 55 female 30.5
                          0
                               no southwest 10704.47
                         0
## 1268 24 male 31.1
                               yes northeast 34254.05
## 1269 20 female 33.3
                         0
                               no southwest 1880.49
                              no southwest 8615.30
## 1270 45 male 27.5
                         3
## 1271 26 male 33.9
                         1
                              no northwest 3292.53
## 1272 25 female 34.5
                         0
                             no northwest 3021.81
## 1273 43 male 25.5
                         5 no southeast 14478.33
## 1274 35 male 27.6
                         1
                              no southeast 4747.05
## 1275 26 male 27.1
                         0 yes southeast 17043.34
                         0
                              no southwest 10959.33
## 1276 57 male 23.7
## 1277 22 female 30.4
                          0
                              no northeast 2741.95
## 1278 32 female 29.7
                          0
                               no northwest 4357.04
                             yes northeast 22462.04
## 1279 39 male 29.9
                          1
                              no northwest 4189.11
## 1280 25 female 26.8
                          2
                         0
## 1281 48 female 33.3
                               no southeast
                                            8283.68
                         2
## 1282 47 female 27.6
                             yes northwest 24535.70
## 1283 18 female 21.7
                         0
                             yes northeast 14283.46
                         1
## 1284 18 male 30.0
                               no southeast 1720.35
## 1285 61 male 36.3
                         1 yes southwest 47403.88
## 1286 47 female 24.3
                         0
                              no northeast 8534.67
## 1287 28 female 17.3
                         0
                             no northeast 3732.63
                         1
## 1288 36 female 25.9
                              no southwest 5472.45
                         2
## 1289 20 male 39.4
                             yes southwest 38344.57
                         1
                              no southeast 7147.47
## 1290 44 male 34.3
## 1291 38 female 20.0
                          2
                               no northeast 7133.90
                              yes southwest 34828.65
## 1292
       19
           male 34.9
                          0
                              no southeast 1515.34
## 1293 21
           male 23.2
                          0
                         3
## 1294 46
           male 25.7
                               no northwest
                                            9301.89
                         0
## 1295 58
           male 25.2
                               no northeast 11931.13
## 1296 20 male 22.0
                         1
                               no southwest 1964.78
                         0
                              no northeast 1708.93
## 1297 18 male 26.1
## 1298 28 female 26.5
                         2
                              no southeast 4340.44
## 1299 33 male 27.5
                         2
                              no northwest 5261.47
## 1300 19 female 25.7
                         1 no northwest 2710.83
## 1301 45 male 30.4
                         0 yes southeast 62592.87
## 1302 62 male 30.9
                         3 yes northwest 46718.16
```

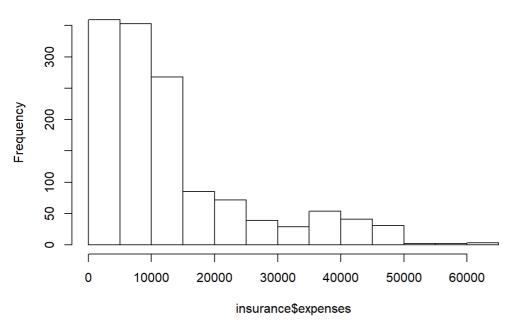
```
## 1303 25 female 20.8 1 no southwest 3208.79
## 1304 43 male 27.8 0 yes southwest 37829.72
## 1305 42 male 24.6
                          2 yes northeast 21259.38
## 1306 24 female 27.7
                          0 no southeast 2464.62
                          0
                              yes northeast 16115.30
## 1307 29 female 21.9
                               yes northwest 21472.48
## 1308 32 male 28.1
                           4
                          0
                               yes southwest 33900.65
## 1309 25 female 30.2
                          2
## 1310 41 male 32.2
                                no southwest 6875.96
                          1
## 1311 42 male 26.3
                                no northwest 6940.91
                          0 no northwest 4571.41
## 1312 33 female 26.7
## 1313 34 male 42.9
                          1
                                no southwest 4536.26
## 1314 19 female 34.7
                          2 yes southwest 36397.58
## 1315 30 female 23.7
                          3 yes northwest 18765.88
## 1316 18 male 28.3
                          1 no northeast 11272.33
## 1317 19 female 20.6
                          0 no southwest 1731.68
## 1318 18 male 53.1
                          0 no southeast 1163.46
                          4 no northeast 19496.72
## 1319 35 male 39.7
## 1320 39 female 26.3
## 1321 31 male 31.1
                          2
                               no northwest 7201.70 no northwest 5425.02
                          0
                              yes northeast 28101.33
## 1322 62
            male 26.7
## 1323 62 male 38.8
                          0
                                no southeast 12981.35
                          yes southeast 43896.38
## 1324 42 female 40.4
                          1
## 1325 31 male 25.9
                          1 no northwest 4239.89
0 no northeast 13143.34
## 1326 61 male 33.5
## 1327 42 female 32.9
                          0 no northeast 7050.02
## 1328 51 male 30.0
                          1 no southeast 9377.90
## 1329 23 female 24.2
                          2 no northeast 22395.74
## 1330 52 male 38.6
                          2 no southwest 10325.21
                          2
                               no southeast 12629.17
## 1331 57 female 25.7
                          0
## 1332 23 female 33.4
                               no southwest 10795.94
                          3
                               no southwest 11411.69
## 1333 52 female 44.7
                               no northwest 10600.55
                          3
## 1334 50 male 31.0
## 1335 18 female 31.9
                                no northeast 2205.98
## 1336 18 female 36.9
                           0
                                no southeast
                                              1629.83
                          0 no southwest 2007.95
## 1337 21 female 25.8
                          0 yes northwest 29141.36
## 1338 61 female 29.1
```

## summary(insurance\$expenses)

```
## Min. 1st Qu. Median Mean 3rd Qu. Max.
## 1122 4740 9382 13270 16640 63770
```

hist(insurance\$expenses)

## Histogram of insurance\$expenses



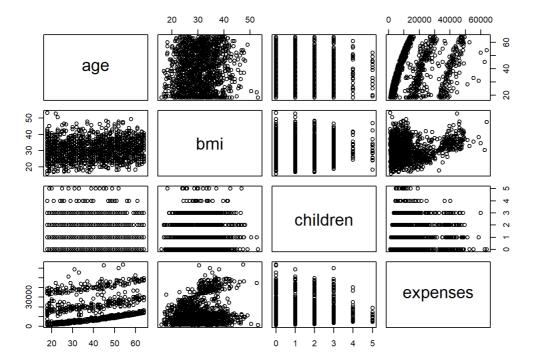
```
##
## northeast northwest southeast southwest
## 324 325 364 325

cor(insurance[c("age","bmi","children","expenses")])

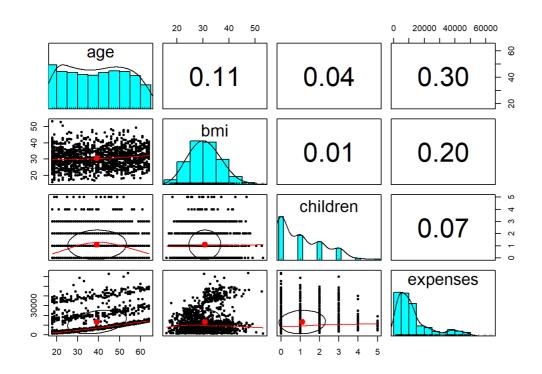
## age bmi children expenses
## age 1.0000000 0.10934101 0.04246900 0.29900819
## bmi 0.1093410 1.00000000 0.01264471 0.19857626
## children 0.0424690 0.01264471 1.00000000 0.06799823
## expenses 0.2990082 0.19857626 0.06799823 1.00000000

pairs(insurance[c("age","bmi","children","expenses")])

library(psych)
```



pairs.panels(insurance[c("age", "bmi", "children", "expenses")])



ins\_model <- lm(expenses~age+children+bmi+sex+smoker+region, data=insurance)
ins\_model <- lm(expenses~.,data=insurance)
ins\_model</pre>

```
## lm(formula = expenses ~ ., data = insurance)
##
## Coefficients:
##
  (Intercept)
                      age
                                sexmale
                                                bmi
                  256.8 -131.4 339.3
      -11941.6
##
      children
                  smokeryes regionnorthwest regionsoutheast
##
      475.7
                   23847.5 -352.8 -1035.6
## regionsouthwest
##
      -959.3
```

summary(ins\_model)

```
## Call:
## lm(formula = expenses ~ ., data = insurance)
## Residuals:
## Min
                   1Q Median
                                         3Q
                                                      Max
## -11302.7 -2850.9 -979.6 1383.9 29981.7
##
## Coefficients:
                      Estimate Std. Error t value Pr(>|t|)
##
## (Intercept) -11941.6 987.8 -12.089 < 2e-16 ***
                                         11.9 21.586 < 2e-16 ***
                         256.8
## age
## age 256.8 11.9 21.5%6 < 2e-16 ^^^
## sexmale -131.3 332.9 -0.395 0.693255

## bmi 339.3 28.6 11.864 < 2e-16 ***

## children 475.7 137.8 3.452 0.000574 ***

## smokeryes 23847.5 413.1 57.723 < 2e-16 ***

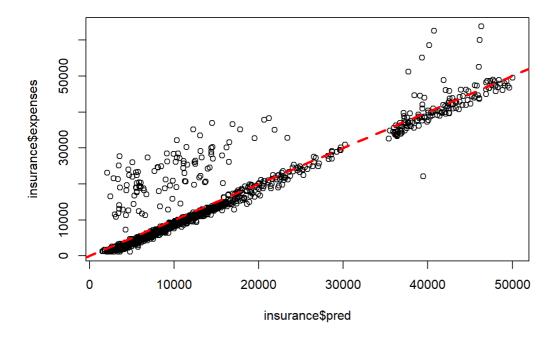
## regionnorthwest -352.8 476.3 -0.741 0.458976
## regionsoutheast -1035.6 478.7 -2.163 0.030685 * ## regionsouthwest -959.3 477.9 -2.007 0.044921 *
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
\#\# Residual standard error: 6062 on 1329 degrees of freedom
## Multiple R-squared: 0.7509, Adjusted R-squared: 0.7494
## F-statistic: 500.9 on 8 and 1329 DF, p-value: < 2.2e-16
```

```
##
## Call:
\#\# lm(formula = expenses ~ age + age2 + children + bmi + sex + bmi30 *
      smoker + region, data = insurance)
\#\,\#
##
## Residuals:
                     Median
##
     Min
               1Q
                                  3Q
## -17297.1 -1656.0 -1262.7
                               -727.8 24161.6
##
## Coefficients:
##
                    Estimate Std. Error t value Pr(>|t|)
## (Intercept)
                    139.0053 1363.1359
                                         0.102 0.918792
                    -32.6181
                              59.8250 -0.545 0.585690
## age
## age2
                      3.7307
                                 0.7463
                                         4.999 6.54e-07 ***
## children
                    678.6017
                               105.8855
                                          6.409 2.03e-10 ***
                                         3.494 0.000492 ***
## bmi
                    119.7715
                                34.2796
                               244.3713 -2.033 0.042267 *
                   -496.7690
## sexmale
                   -997.9355
                               422.9607
                                        -2.359 0.018449 *
## bmi30
## smokeryes
                  13404.5952
                               439.9591 30.468 < 2e-16 ***
## regionnorthwest -279.1661
                               349.2826 -0.799 0.424285
## regionsoutheast -828.0345
                               351.6484 -2.355 0.018682 *
                               350.5314 -3.487 0.000505 ***
## regionsouthwest -1222.1619
## bmi30:smokeryes 19810.1534
                              604.6769 32.762 < 2e-16 ***
## ---
## Signif. codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 4445 on 1326 degrees of freedom
## Multiple R-squared: 0.8664, Adjusted R-squared: 0.8653
\#\# F-statistic: 781.7 on 11 and 1326 DF, p-value: < 2.2e-16
```

```
insurance$pred <- predict(ins_model12, insurance)
cor(insurance$pred, insurance$expenses)</pre>
```

```
## [1] 0.9307999
```

```
plot(insurance$pred, insurance$expenses)
abline(a=0,b=1, col="red",lwd=3,lty=2)
```



```
predict(ins_model12,
       data.frame(age=30,age2=30^2, children =2,
                 bmi=30, sex="male",bmi30=1,
                  smoker="no", region="northeast"))
## 5973.774
predict(ins model12,
       data.frame(age=30,age2=30^2, children =2,
                 bmi=30, sex="female",bmi30=1,
                  smoker="no", region="northeast"))
## 6470.543
predict(ins_model12,
       data.frame(age=30,age2=30^2, children =0,
                 bmi=30, sex="female",bmi30=1,
                  smoker="no", region="northeast"))
## 5113.34
6470.543-5113.34
## [1] 1357.203
```