

Table 1: Auto dataset

| make | price | mpg | rep78 | headroom | trunk | weight | length | turn | displacement | gear_ratio | foreign |
|-------------------|-------|-----|-------|----------|-------|--------|--------|------|--------------|------------|---------|
| Buick Electra | 7827 | 15 | 4 | 4 | 20 | 4080 | 222 | 43 | 350 | 2.41 | 0 |
| Buick LeSabre | 5788 | 18 | 3 | 4 | 21 | 3670 | 218 | 43 | 231 | 2.73 | 0 |
| Buick Regal | 5189 | 20 | 3 | 2 | 16 | 3280 | 200 | 42 | 196 | 2.93 | 0 |
| Buick Riviera | 10372 | 16 | 3 | 3.5 | 17 | 3880 | 207 | 43 | 231 | 2.93 | 0 |
| Cad. Deville | 11385 | 14 | 3 | 4 | 20 | 4330 | 221 | 44 | 425 | 2.28 | 0 |
| Cad. Eldorado | 14500 | 14 | 2 | 3.5 | 16 | 3900 | 204 | 43 | 350 | 2.19 | 0 |
| Cad. Seville | 15906 | 21 | 3 | 3 | 13 | 4290 | 204 | 45 | 350 | 2.24 | 0 |
| Chev. Impala | 5705 | 16 | 4 | 4 | 20 | 3690 | 212 | 43 | 250 | 2.56 | 0 |
| Chev. Monte Carlo | 5104 | 22 | 2 | 2 | 16 | 3220 | 200 | 41 | 200 | 2.73 | 0 |
| Dodge Magnum | 5886 | 16 | 2 | 4 | 17 | 3600 | 206 | 46 | 318 | 2.47 | 0 |
| Dodge St. Regis | 6342 | 17 | 2 | 4.5 | 21 | 3740 | 220 | 46 | 225 | 2.94 | 0 |
| Linc. Continental | 11497 | 12 | 3 | 3.5 | 22 | 4840 | 233 | 51 | 400 | 2.47 | 0 |
| Linc. Mark V | 13594 | 12 | 3 | 2.5 | 18 | 4720 | 230 | 48 | 400 | 2.47 | 0 |
| Linc. Versailles | 13466 | 14 | 3 | 3.5 | 15 | 3830 | 201 | 41 | 302 | 2.47 | 0 |
| Merc. Cougar | 5379 | 14 | 4 | 3.5 | 16 | 4060 | 221 | 48 | 302 | 2.75 | 0 |
| Merc. Marquis | 6165 | 15 | 3 | 3.5 | 23 | 3720 | 212 | 44 | 302 | 2.26 | 0 |
| Merc. XR-7 | 6303 | 14 | 4 | 3 | 16 | 4130 | 217 | 45 | 302 | 2.75 | 0 |
| Olds 98 | 8814 | 21 | 4 | 4 | 20 | 4060 | 220 | 43 | 350 | 2.41 | 0 |
| Olds Cutl Supr | 5172 | 19 | 3 | 2 | 16 | 3310 | 198 | 42 | 231 | 2.93 | 0 |
| Olds Toronado | 10371 | 16 | 3 | 3.5 | 17 | 4030 | 206 | 43 | 350 | 2.41 | 0 |
| Plym. Sapporo | 6486 | 26 | | 1.5 | 8 | 2520 | 182 | 38 | 119 | 3.54 | 0 |
| Pont. Catalina | 5798 | 18 | 4 | 4 | 20 | 3700 | 214 | 42 | 231 | 2.73 | 0 |
| Pont. Grand Prix | 5222 | 19 | 3 | 2 | 16 | 3210 | 201 | 45 | 231 | 2.93 | 0 |
| Audi 5000 | 9690 | 17 | 5 | 3 | 15 | 2830 | 189 | 37 | 131 | 3.2 | 1 |
| Audi Fox | 6295 | 23 | 3 | 2.5 | 11 | 2070 | 174 | 36 | 97 | 3.7 | 1 |
| BMW 320i | 9735 | 25 | 4 | 2.5 | 12 | 2650 | 177 | 34 | 121 | 3.64 | 1 |
| Datsun 200 | 6229 | 23 | 4 | 1.5 | 6 | 2370 | 170 | 35 | 119 | 3.89 | 1 |
| Datsun 510 | 5079 | 24 | 4 | 2.5 | 8 | 2280 | 170 | 34 | 119 | 3.54 | 1 |
| Datsun 810 | 8129 | 21 | 4 | 2.5 | 8 | 2750 | 184 | 38 | 146 | 3.55 | 1 |
| Honda Accord | 5799 | 25 | 5 | 3 | 10 | 2240 | 172 | 36 | 107 | 3.05 | 1 |
| Peugeot 604 | 12990 | 14 | | 3.5 | 14 | 3420 | 192 | 38 | 163 | 3.58 | 1 |
| Toyota Celica | 5899 | 18 | 5 | 2.5 | 14 | 2410 | 174 | 36 | 134 | 3.06 | 1 |
| Toyota Corona | 5719 | 18 | 5 | 2 | 11 | 2670 | 175 | 36 | 134 | 3.05 | 1 |
| VW Dasher | 7140 | 23 | 4 | 2.5 | 12 | 2160 | 172 | 36 | 97 | 3.74 | 1 |
| VW Diesel | 5397 | 41 | 5 | 3 | 15 | 2040 | 155 | 35 | 90 | 3.78 | 1 |
| VW Scirocco | 6850 | 25 | 4 | 2 | 16 | 1990 | 156 | 36 | 97 | 3.78 | 1 |
| Volvo 260 | 11995 | 17 | 5 | 2.5 | 14 | 3170 | 193 | 37 | 163 | 2.98 | 1 |