



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

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# PROBABILITY AND STATISTICAL DATA ANALYSIS

(SECI 2143)

SECTION 09

DR AZURAH AS

## PROJECT 2: INFERENCE STATISTICAL ANALYSIS

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## **INTRODUCTION**

In our project we had decided to do a research on cars or vehicle specification as people are always careless and not aware about this fact. The main reason on why this concept were chosen because, cars or vehicle specification are something that really significant and should be emphasize by people. In this context, we are going to do a study about miles per gallon (MPG) and model years of cars. First of all, car is a motor vehicle with four wheels that is used for transportation. Cars are typically defined as vehicles that drive largely on roadways, seat one to eight people, have four wheels, and primarily transport people rather than cargo, according to most definitions. Cars also have controls for driving, passenger comfort, and safety, which are often manipulated with a combination of feet and hands, and in certain cases, by voice in 21st-century cars. When German inventor Karl Benz patented his Benz Patent-Motorwagen in 1886, it is considered the birth year of the modern car. Years by years, the production of car are increasing due to high demand by people.

This study aims to investigate and do the data analysis on the average miles per gallon (MPG) and model years among cars that produce from a certain country such as Japan, United States and Europe by performing and finding inferential statistics using a few test such as hypothesis testing, correlation testing, regression testing and Chi-Square test of independence. This investigation purposely to determine the most common car's fuel efficiency and the relation between cars model and its origin.

## **DATASET**

The data in this study is obtained from the collection of data set by *Project dataset* and being processed to a smaller sample. From the dataset, we had collected the data about average of cars' miles per gallon (MPG). The reason why we choose average or mean as our parameter is because mean is an essential for a dataset. It is because it will produce the least error in prediction of any value in the dataset and also increase the estimation accuracy.

254 data are selected from the dataset to be sampled for hypothesis testing to determine whether there is sufficient statistical proof to support the null hypothesis. The sample is normally distributed and plotted using Rstudio.

## **DATA ANALYSIS**

### **I. Hypothesis testing**

Based on the recent study “The 5 most fuel-efficient cars on the road today” by the Insider, it is claimed that the average car sold in the United States gets an average of around 25 miles per gallon (MPG). Hence the null hypothesis,  $H_0$  and alternative hypothesis,  $H_1$  is;

$$H_0 : \mu = 25$$

$$H_1 : \mu \neq 25$$

Where  $\mu$  is mean or average of car's miles per gallon (MPG).

A random sample of 254 cars produce from United States having mean of 19.688 MPG. The standard deviation can be evaluate using this formula;

$$s_x = \sqrt{\frac{\sum(x_i - \bar{x})^2}{n - 1}}$$

The standard deviation is 6.92829.

A 0.05 significance level is used to test the claim of this study that the average or mean miles per gallon (MPG) of a car is 25 MPG. The critical value of 0.05 significance level is -1.959964 and 1.959964. the z-value of mean can be produced by using below formula;

$$Z = \frac{\bar{x} - \mu}{s / \sqrt{n}}$$

the value of z is -12.21894

| $\bar{x}$ | $\mu$ | s       | z-value   | p-value | Critical value       |
|-----------|-------|---------|-----------|---------|----------------------|
| 19.68819  | 25    | 6.92829 | -12.21894 | 0.00001 | -1.959964 / 1.959964 |

Since the z-value falls within the critical region, the null hypothesis,  $H_0$  is rejected. There is enough evidence to suggest that the average miles per gallon (MPG) of a car has changed because we are able to accept the alternate hypothesis,  $H_1$  which says that the average miles per gallon (MPG) of a car is not equal to 25.

## II. Correlation

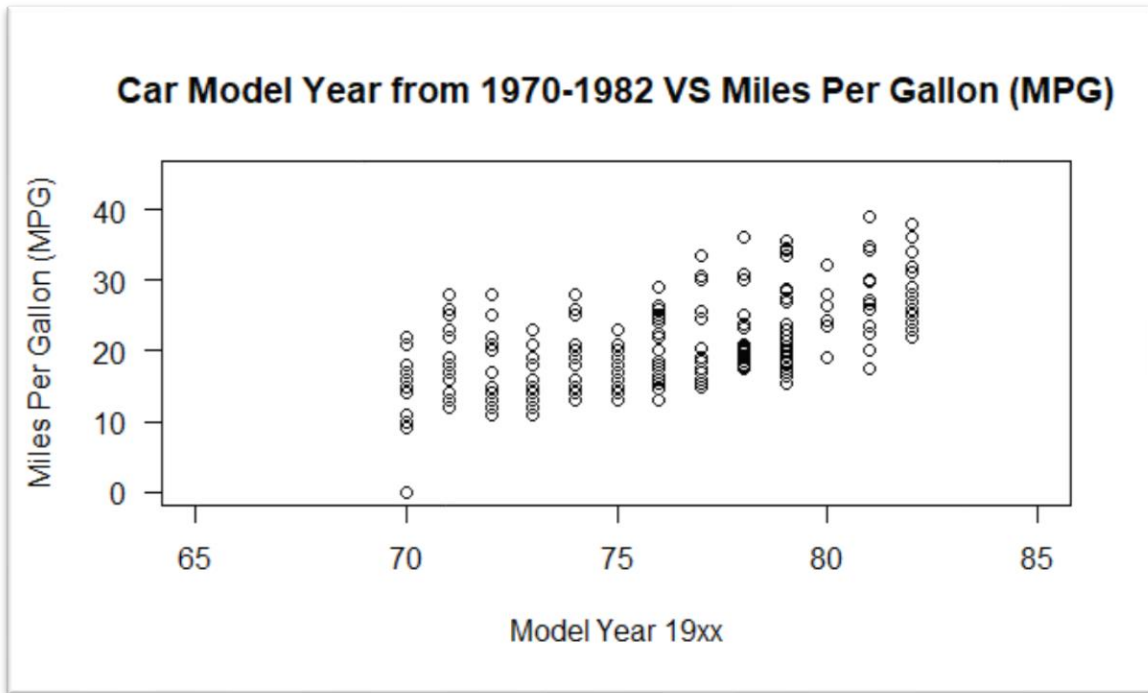


Figure 1 shows a scatterplot of Car Model Year from 1970-1982 VS Miles Per Gallon (MPG)

In the correlation test, we had analysed that the relationship or by means of the strength of association between is model year and MPG with a sample size of 254. The coefficient correlation,  $r$  is calculated in IBM SPSS to show the relation between both axes. The independent variable,  $x$  is the model year whereas the miles per gallon (MPG). These two variables are used to calculate the coefficient correlation using the formula below.

$$r = \frac{n(\sum xy) - (\sum x)(\sum y)}{\sqrt{[n\sum x^2 - (\sum x)^2][n\sum y^2 - (\sum y)^2]}}$$

The correlation coefficient,  $r$  is equal to 0.658. Since  $r$  is positive, we can conclude that if the model year increase, the value of MPG will increase too. Since the scattered plot portrays a positive slope, they are both directly proportional.

### Correlations

|       |                     | MPG    | Model  |
|-------|---------------------|--------|--------|
| MPG   | Pearson Correlation | 1      | .658** |
|       | Sig. (2-tailed)     |        | <.001  |
|       | N                   | 254    | 254    |
| Model | Pearson Correlation | .658** | 1      |
|       | Sig. (2-tailed)     | <.001  |        |
|       | N                   | 254    | 254    |

\*\* . Correlation is significant at the 0.01 level (2-tailed).

Figure 2

These values are tested whether are there any evidence to support that increase in model year will result in higher MPG at 0.01 level of significance. Assume,  $H_0$  is model year and MPG has no linear correlation.

$H_0: M=0$

$H_1: M \neq 0$

For this test, test statistics  $t$ ,  $t = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}}$ , where the sample size is  $n=254$  and  $r=0.658$  as stated in figure 2. After calculation, we found that test statistic  $t=13.87142$ . From t-table, the critical value is  $+2.575$  to  $-2.575$ .

Figure 2

| Test Statistic, t | $\alpha$ | Degree of Freedom, df | Critical Value   |
|-------------------|----------|-----------------------|------------------|
| 13.87142          | 0.01     | 252                   | $+2.575, -2.575$ |

Since  $+13.87142 > +2.575$ , we can conclude that we can reject  $H_0$  at  $\alpha=0.01$ . Sufficient evidence exists to conclude that there is a linear relationship between model year and MPG at 1% level of significance.

### III. Regression

The independent variable (x) in this case is Model Years of Car whereas the dependent variable (y) is the MPG (miles per gallon). The analysis is to aim the existence of a linear relationship between the variable x and y.

```
> summary(model)

Call:
lm(formula = y ~ x)

Residuals:
    Min       1Q   Median       3Q      Max
-13.2448  -3.7914  -0.6202   3.5720  13.5730

Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept) -69.50940    6.50646  -10.68  <2e-16 ***
x             1.18220    0.08612   13.73  <2e-16 ***
---
Signif. codes:
  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 5.253 on 252 degrees of freedom
Multiple R-squared:  0.4279,    Adjusted R-squared:  0.4256
F-statistic: 188.5 on 1 and 252 DF,  p-value: < 2.2e-16
```

Figure 3 shows the calculation for regression

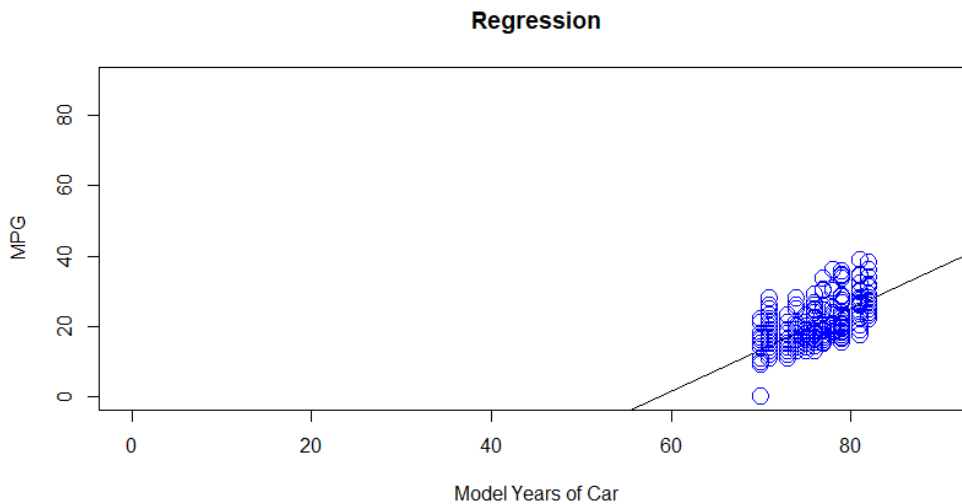


Figure 4 shows the linear regression graph of MPG against Model Years of Car

From the regression graph, this model has shown a positive linear relationship with an equation of  $y = -69.50940 + 1.18220x$ . The value of  $\beta_0$  of -69.50940 indicates the range of MPG (miles per gallon) on the Model Years of Car. The value of slope coefficient,  $\beta_1$  of +1.18220 just indicates the average value of MPG (miles per gallon) increases by 1.18220 on average, for each additional one Model Years of Car. The relationship between x and y is a positive linear relationship. The coefficient of determination,  $R^2$ , in this relationship is 0.4278634

and can be consider as a moderate relationship where not all of the variation in y is explained by variation in x.

#### IV. *Chi-square test for independence*

Chi-square is performed to test if the hypothesis that the observed proportions average for the year model of the cars from Japan, United States and Europe matches the claim that the proportions should be the same for all three of the origin. Using a 0.05 significance level, the observed values are compared with the corresponding expected values. Hence the null hypothesis,  $H_0$  and alternative hypothesis,  $H_1$  is;

$H_0$  : the proportions for the average model of the cars from Japan, United States and Europe are the same.

$H_1$  : at least one different from the proportions.

```
> #get contingency table
> tbl<- table(cars2$Model,cars2$origin)
> tbl
      Europe Japan US
70         6     2 27
71         5     4 20
72         5     5 18
73         7     4 29
74         6     6 15
75         6     4 20
76         8     4 22
77         4     6 18
78         6     8 22
79         4     2 23
80         9    13  7
81         5    12 13
82         2     9 20
> #create new table
> tbl2=cbind(tbl[, 'Europe']+tbl[, 'Japan'],tbl[, 'us'])
> tbl2
      [,1] [,2]
70      8   27
71      9   20
72     10   18
73     11   29
74     12   15
75     10   20
76     12   22
77     10   18
78     14   22
79      6   23
80     22    7
81     17   13
82     11   20
> #perform chi-square test on the data table
> chisq.test(tbl2, correct = FALSE)

      Pearson's Chi-squared test

data:  tbl2
X-squared = 32.863, df = 12, p-value = 0.001017

> #critical value
> alpha<-0.05
> x2.alpha<- qchisq(alpha, df=12, lower.tail = FALSE)
> x2.alpha
[1] 21.02607
>
```

Figure 2 calculation for the chi-square test obtained from Rstudio



The observed value and expected value are as shown as figure 1 above. The test statistic, chi-square value is then calculated using Rstudio which equals to **32.863**. the critical value can be found based on the chi-square distribution with degrees of freedom equal to 12 and the significance level **0.05**. Hence, the critical value based on the calculation in Rstudio is **21.02607**. The p-value is obtained to be approximately **0.001017**.

| Significance value, $\alpha$ | Critical value, $\chi^2_{0.05,12}$ | Chi-square, $\chi^2$ | p-value  |
|------------------------------|------------------------------------|----------------------|----------|
| 0.05                         | 21.02607                           | 32.863               | 0.001017 |

Since the p-value (0.001017) is smaller than the significance level (0.05) , therefore the null hypothesis,  $H_0$  is rejected. There is insufficient evidence that the proportion for the average model of the cars from Japan, United States and Europe are the same.

## **CONCLUSION**

Throughout our involvement in this project, we gained a lot of experience and knowledge about data analysis. We also take this opportunity to apply all the skills that we learned about RStudio to do the calculation for the hypothesis testing, correlation, regression and Chi-Square test for independence which will help us in the future. Besides, we are also able to do the data processing and analysis successfully.

As for the result of our project, we found that the average of miles per gallon of a car is almost 20 MPG and we believe that this value will increase as the technology developing. In correlation analysis, the graph showed positive relation. The value of MPG increases as the model year of car increases. The regression showed the positive relation between MPG (miles per gallon) the Model Years of car which indicates that the MPG of a car and its model year are interrelated. The 254 selected data shows that when the model year of a car is higher, its average MPG is higher too. It shows that the fuel efficiency of a higher Model Year car is higher.

Last but not least, we would like to appreciate and thank our lecturer Dr. Azurah Abu Samah for all her efforts and hard work for teaching and guiding us in this course throughout this semester and also the students of SECI2143-Section 09. Without them we might be unable to complete this project or even to understand all this knowledge.

## APPENDIX

Below are the screenshot of our raw dataset “cars”;

| 1  | Car        | MPG  | Cylinders | Displace | Horsepow | Weight | Accelera | Model | Origin |
|----|------------|------|-----------|----------|----------|--------|----------|-------|--------|
| 2  | Citroen D  | 0    | 4         | 133      | 115      | 3090   | 17.5     | 70    | Europe |
| 3  | Volkswag   | 26   | 4         | 97       | 46       | 1835   | 20.5     | 70    | Europe |
| 4  | Peugeot    | 25   | 4         | 110      | 87       | 2672   | 17.5     | 70    | Europe |
| 5  | Audi 100   | 24   | 4         | 107      | 90       | 2430   | 14.5     | 70    | Europe |
| 6  | Saab 990   | 25   | 4         | 104      | 95       | 2375   | 17.5     | 70    | Europe |
| 7  | BMW 200    | 26   | 4         | 121      | 113      | 2234   | 12.5     | 70    | Europe |
| 8  | Volkswag   | 0    | 4         | 97       | 48       | 1978   | 20       | 71    | Europe |
| 9  | Opel 1900  | 28   | 4         | 116      | 90       | 2123   | 14       | 71    | Europe |
| 10 | Peugeot    | 30   | 4         | 79       | 70       | 2074   | 19.5     | 71    | Europe |
| 11 | Fiat 124B  | 30   | 4         | 88       | 76       | 2065   | 14.5     | 71    | Europe |
| 12 | Volkswag   | 27   | 4         | 97       | 60       | 1834   | 19       | 71    | Europe |
| 13 | Volkswag   | 23   | 4         | 97       | 54       | 2254   | 23.5     | 72    | Europe |
| 14 | Volvo 145  | 18   | 4         | 121      | 112      | 2933   | 14.5     | 72    | Europe |
| 15 | Volkswag   | 22   | 4         | 121      | 76       | 2511   | 18       | 72    | Europe |
| 16 | Peugeot    | 21   | 4         | 120      | 87       | 2979   | 19.5     | 72    | Europe |
| 17 | Renault 1  | 26   | 4         | 96       | 69       | 2189   | 18       | 72    | Europe |
| 18 | Volkswag   | 26   | 4         | 97       | 46       | 1950   | 21       | 73    | Europe |
| 19 | Fiat 124 S | 26   | 4         | 98       | 90       | 2265   | 15.5     | 73    | Europe |
| 20 | Fiat 126   | 29   | 4         | 68       | 49       | 1867   | 19.5     | 73    | Europe |
| 21 | Opel Mar   | 24   | 4         | 116      | 75       | 2158   | 15.5     | 73    | Europe |
| 22 | Audi 100L  | 20   | 4         | 114      | 91       | 2582   | 14       | 73    | Europe |
| 23 | Volvo 144  | 19   | 4         | 121      | 112      | 2868   | 15.5     | 73    | Europe |
| 24 | Saab 990   | 24   | 4         | 121      | 110      | 2660   | 14       | 73    | Europe |
| 25 | Audi Fox   | 29   | 4         | 98       | 83       | 2219   | 16.5     | 74    | Europe |
| 26 | Volkswag   | 26   | 4         | 79       | 67       | 1963   | 15.5     | 74    | Europe |
| 27 | Opel Mar   | 26   | 4         | 97       | 78       | 2300   | 14.5     | 74    | Europe |
| 28 | Fiat 126   | 24   | 4         | 90       | 75       | 2108   | 15.5     | 74    | Europe |
| 29 | Fiat 124 T | 26   | 4         | 116      | 75       | 2246   | 14       | 74    | Europe |
| 30 | Fiat 1.9   | 31   | 4         | 79       | 67       | 2000   | 16       | 74    | Europe |
| 31 | Volkswag   | 25   | 4         | 90       | 71       | 2223   | 16.5     | 75    | Europe |
| 32 | Volkswag   | 29   | 4         | 90       | 70       | 1937   | 14       | 75    | Europe |
| 33 | Audi 100L  | 23   | 4         | 115      | 95       | 2694   | 15       | 75    | Europe |
| 34 | Peugeot    | 23   | 4         | 120      | 88       | 2957   | 17       | 75    | Europe |
| 35 | Volvo 240  | 22   | 4         | 121      | 98       | 2945   | 14.5     | 75    | Europe |
| 36 | Saab 990   | 25   | 4         | 121      | 115      | 2671   | 13.5     | 75    | Europe |
| 37 | Fiat 131   | 28   | 4         | 107      | 86       | 2464   | 15.5     | 76    | Europe |
| 38 | Opel 1900  | 25   | 4         | 116      | 81       | 2220   | 16.9     | 76    | Europe |
| 39 | Renault 1  | 27   | 4         | 101      | 83       | 2202   | 15.3     | 76    | Europe |
| 40 | Volkswag   | 29   | 4         | 90       | 70       | 1937   | 14.2     | 76    | Europe |
| 41 | Volkswag   | 29.5 | 4         | 97       | 71       | 1825   | 12.2     | 76    | Europe |
| 42 | Volvo 240  | 20   | 4         | 130      | 102      | 3150   | 15.7     | 76    | Europe |
| 43 | Peugeot    | 19   | 4         | 120      | 88       | 3270   | 21.9     | 76    | Europe |
| 44 | Mercede    | 16.5 | 6         | 168      | 120      | 3820   | 16.7     | 76    | Europe |
| 45 | Renault 5  | 36   | 4         | 79       | 58       | 1825   | 18.6     | 77    | Europe |
| 46 | Volkswag   | 29   | 4         | 97       | 78       | 1940   | 14.5     | 77    | Europe |

|    |            |      |   |     |     |      |      |    |        |
|----|------------|------|---|-----|-----|------|------|----|--------|
| 47 | Volkswag   | 30.5 | 4 | 97  | 78  | 2190 | 14.1 | 77 | Europe |
| 48 | BMW 320    | 21.5 | 4 | 121 | 110 | 2600 | 12.8 | 77 | Europe |
| 49 | Volkswag   | 43.1 | 4 | 90  | 48  | 1985 | 21.5 | 78 | Europe |
| 50 | Audi 500   | 20.3 | 5 | 131 | 103 | 2830 | 15.9 | 78 | Europe |
| 51 | Volvo 260  | 17   | 6 | 163 | 125 | 3140 | 13.6 | 78 | Europe |
| 52 | Saab 990   | 21.6 | 4 | 121 | 115 | 2795 | 15.7 | 78 | Europe |
| 53 | Peugeot    | 16.2 | 6 | 163 | 133 | 3410 | 15.8 | 78 | Europe |
| 54 | Volkswag   | 31.5 | 4 | 89  | 71  | 1990 | 14.9 | 78 | Europe |
| 55 | Volkswag   | 31.9 | 4 | 89  | 71  | 1925 | 14   | 79 | Europe |
| 56 | Mercede    | 25.4 | 5 | 183 | 77  | 3530 | 20.1 | 79 | Europe |
| 57 | Peugeot    | 27.2 | 4 | 141 | 71  | 3190 | 24.8 | 79 | Europe |
| 58 | Fiat Strad | 37.3 | 4 | 91  | 69  | 2130 | 14.7 | 79 | Europe |
| 59 | Volkswag   | 41.5 | 4 | 98  | 76  | 2144 | 14.7 | 80 | Europe |
| 60 | Audi 400   | 34.3 | 4 | 97  | 78  | 2188 | 15.8 | 80 | Europe |
| 61 | Volkswag   | 44.3 | 4 | 90  | 48  | 2085 | 21.7 | 80 | Europe |
| 62 | Volkswag   | 43.4 | 4 | 90  | 48  | 2335 | 23.7 | 80 | Europe |
| 63 | Audi 500   | 36.4 | 5 | 121 | 67  | 2950 | 19.9 | 80 | Europe |
| 64 | Mercede    | 30   | 4 | 146 | 67  | 3250 | 21.8 | 80 | Europe |
| 65 | Renault L  | 40.9 | 4 | 85  | 0   | 1835 | 17.3 | 80 | Europe |
| 66 | Volkswag   | 29.8 | 4 | 89  | 62  | 1845 | 15.3 | 80 | Europe |
| 67 | Triumph T  | 35   | 4 | 122 | 88  | 2500 | 15.1 | 80 | Europe |
| 68 | Volkswag   | 33   | 4 | 105 | 74  | 2190 | 14.2 | 81 | Europe |
| 69 | Renault 1  | 34.5 | 4 | 100 | 0   | 2320 | 15.8 | 81 | Europe |
| 70 | Peugeot    | 28.1 | 4 | 141 | 80  | 3230 | 20.4 | 81 | Europe |
| 71 | Saab 900   | 0    | 4 | 121 | 110 | 2800 | 15.4 | 81 | Europe |
| 72 | Volvo 760  | 30.7 | 6 | 145 | 76  | 3160 | 19.6 | 81 | Europe |
| 73 | Volkswag   | 36   | 4 | 105 | 74  | 1980 | 15.3 | 82 | Europe |
| 74 | Volkswag   | 44   | 4 | 97  | 52  | 2130 | 24.6 | 82 | Europe |
| 75 | Toyota C   | 24   | 4 | 113 | 95  | 2372 | 15   | 70 | Japan  |
| 76 | Datsun P   | 27   | 4 | 97  | 88  | 2130 | 14.5 | 70 | Japan  |
| 77 | Datsun P   | 27   | 4 | 97  | 88  | 2130 | 14.5 | 71 | Japan  |
| 78 | Toyota C   | 25   | 4 | 113 | 95  | 2228 | 14   | 71 | Japan  |
| 79 | Toyota C   | 31   | 4 | 71  | 65  | 1773 | 19   | 71 | Japan  |
| 80 | Datsun 12  | 35   | 4 | 72  | 69  | 1613 | 18   | 71 | Japan  |
| 81 | Toyota C   | 24   | 4 | 113 | 95  | 2278 | 15.5 | 72 | Japan  |
| 82 | Mazda R    | 19   | 3 | 70  | 97  | 2330 | 13.5 | 72 | Japan  |
| 83 | Datsun 5   | 28   | 4 | 97  | 92  | 2288 | 17   | 72 | Japan  |
| 84 | Toyota C   | 23   | 4 | 120 | 97  | 2506 | 14.5 | 72 | Japan  |
| 85 | Toyota C   | 27   | 4 | 97  | 88  | 2100 | 16.5 | 72 | Japan  |
| 86 | Toyota C   | 20   | 4 | 97  | 88  | 2279 | 19   | 73 | Japan  |
| 87 | Datsun 6   | 22   | 4 | 108 | 94  | 2379 | 16.5 | 73 | Japan  |
| 88 | Mazda R    | 18   | 3 | 70  | 90  | 2124 | 13.5 | 73 | Japan  |
| 89 | Toyota M   | 20   | 6 | 156 | 122 | 2807 | 13.5 | 73 | Japan  |
| 90 | Datsun B   | 31   | 4 | 79  | 67  | 1950 | 19   | 74 | Japan  |
| 91 | Toyota C   | 32   | 4 | 71  | 65  | 1836 | 21   | 74 | Japan  |
| 92 | Toyota C   | 31   | 4 | 76  | 52  | 1649 | 16.5 | 74 | Japan  |

|     |          |      |   |     |     |      |      |    |       |
|-----|----------|------|---|-----|-----|------|------|----|-------|
| 92  | Toyota C | 31   | 4 | 76  | 52  | 1649 | 16.5 | 74 | Japan |
| 93  | Datsun 7 | 32   | 4 | 83  | 61  | 2003 | 19   | 74 | Japan |
| 94  | Honda Ci | 24   | 4 | 120 | 97  | 2489 | 15   | 74 | Japan |
| 95  | Subaru   | 26   | 4 | 108 | 93  | 2391 | 15.5 | 74 | Japan |
| 96  | Toyota C | 29   | 4 | 97  | 75  | 2171 | 16   | 75 | Japan |
| 97  | Toyota C | 24   | 4 | 134 | 96  | 2702 | 13.5 | 75 | Japan |
| 98  | Datsun 7 | 24   | 4 | 119 | 97  | 2545 | 17   | 75 | Japan |
| 99  | Honda Ci | 33   | 4 | 91  | 53  | 1795 | 17.5 | 75 | Japan |
| 100 | Honda Ci | 33   | 4 | 91  | 53  | 1795 | 17.4 | 76 | Japan |
| 101 | Datsun B | 32   | 4 | 85  | 70  | 1990 | 17   | 76 | Japan |
| 102 | Toyota C | 28   | 4 | 97  | 75  | 2155 | 16.4 | 76 | Japan |
| 103 | Toyota M | 19   | 6 | 156 | 108 | 2930 | 15.5 | 76 | Japan |
| 104 | Honda A  | 31.5 | 4 | 98  | 68  | 2045 | 18.5 | 77 | Japan |
| 105 | Datsun F | 33.5 | 4 | 85  | 70  | 1945 | 16.8 | 77 | Japan |
| 106 | Toyota C | 26   | 4 | 97  | 75  | 2265 | 18.2 | 77 | Japan |
| 107 | Subaru C | 30   | 4 | 97  | 67  | 1985 | 16.4 | 77 | Japan |
| 108 | Datsun 8 | 22   | 6 | 146 | 97  | 2815 | 14.5 | 77 | Japan |
| 109 | Mazda R  | 21.5 | 3 | 80  | 110 | 2720 | 13.5 | 77 | Japan |
| 110 | Mazda G  | 32.8 | 4 | 78  | 52  | 1985 | 19.4 | 78 | Japan |
| 111 | Datsun B | 39.4 | 4 | 85  | 70  | 2070 | 18.6 | 78 | Japan |
| 112 | Honda Ci | 36.1 | 4 | 91  | 60  | 1800 | 16.4 | 78 | Japan |
| 113 | Toyota C | 27.5 | 4 | 134 | 95  | 2560 | 14.2 | 78 | Japan |
| 114 | Datsun 5 | 27.2 | 4 | 119 | 97  | 2300 | 14.7 | 78 | Japan |
| 115 | Toyota C | 21.1 | 4 | 134 | 95  | 2515 | 14.8 | 78 | Japan |
| 116 | Datsun 2 | 23.9 | 4 | 119 | 97  | 2405 | 14.9 | 78 | Japan |
| 117 | Honda A  | 29.5 | 4 | 98  | 68  | 2135 | 16.6 | 78 | Japan |
| 118 | Mazda G  | 34.1 | 4 | 86  | 65  | 1975 | 15.2 | 79 | Japan |
| 119 | Datsun 2 | 31.8 | 4 | 85  | 65  | 2020 | 19.2 | 79 | Japan |
| 120 | Toyota C | 38.1 | 4 | 89  | 60  | 1968 | 18.8 | 80 | Japan |
| 121 | Datsun 3 | 37.2 | 4 | 86  | 65  | 2019 | 16.4 | 80 | Japan |
| 122 | Toyota C | 29.8 | 4 | 134 | 90  | 2711 | 15.5 | 80 | Japan |
| 123 | Mazda 6  | 31.3 | 4 | 120 | 75  | 2542 | 17.5 | 80 | Japan |
| 124 | Datsun 5 | 37   | 4 | 119 | 92  | 2434 | 15   | 80 | Japan |
| 125 | Toyota C | 32.2 | 4 | 108 | 75  | 2265 | 15.2 | 80 | Japan |
| 126 | Mazda G  | 46.6 | 4 | 86  | 65  | 2110 | 17.9 | 80 | Japan |
| 127 | Datsun 2 | 40.8 | 4 | 85  | 65  | 2110 | 19.2 | 80 | Japan |
| 128 | Honda Ci | 44.6 | 4 | 91  | 67  | 1850 | 13.8 | 80 | Japan |
| 129 | Subaru C | 33.8 | 4 | 97  | 67  | 2145 | 18   | 80 | Japan |
| 130 | Datsun 2 | 32.7 | 6 | 168 | 132 | 2910 | 11.4 | 80 | Japan |
| 131 | Mazda R  | 23.7 | 3 | 70  | 100 | 2420 | 12.5 | 80 | Japan |
| 132 | Honda A  | 32.4 | 4 | 107 | 72  | 2290 | 17   | 80 | Japan |
| 133 | Toyota S | 39.1 | 4 | 79  | 58  | 1755 | 16.9 | 81 | Japan |
| 134 | Honda Ci | 35.1 | 4 | 81  | 60  | 1760 | 16.1 | 81 | Japan |
| 135 | Subaru   | 32.3 | 4 | 97  | 67  | 2065 | 17.8 | 81 | Japan |
| 136 | Datsun 2 | 37   | 4 | 85  | 65  | 1975 | 19.4 | 81 | Japan |
| 137 | Toyota T | 37.7 | 4 | 89  | 62  | 2050 | 17.3 | 81 | Japan |

| J   | A         | B    | C | D   | E   | F    | G    | H  | I     |
|-----|-----------|------|---|-----|-----|------|------|----|-------|
| 138 | Mazda G   | 34.1 | 4 | 91  | 68  | 1985 | 16   | 81 | Japan |
| 139 | Honda P   | 33.7 | 4 | 107 | 75  | 2210 | 14.4 | 81 | Japan |
| 140 | Toyota C  | 32.4 | 4 | 108 | 75  | 2350 | 16.8 | 81 | Japan |
| 141 | Datsun 2  | 32.9 | 4 | 119 | 100 | 2615 | 14.8 | 81 | Japan |
| 142 | Mazda 62  | 31.6 | 4 | 120 | 74  | 2635 | 18.3 | 81 | Japan |
| 143 | Toyota C  | 25.4 | 6 | 168 | 116 | 2900 | 12.6 | 81 | Japan |
| 144 | Datsun 8  | 24.2 | 6 | 146 | 120 | 2930 | 13.8 | 81 | Japan |
| 145 | Mazda G   | 37   | 4 | 91  | 68  | 2025 | 18.2 | 82 | Japan |
| 146 | Mazda G   | 31   | 4 | 91  | 68  | 1970 | 17.6 | 82 | Japan |
| 147 | Nissan Si | 36   | 4 | 120 | 88  | 2160 | 14.5 | 82 | Japan |
| 148 | Honda A   | 36   | 4 | 107 | 75  | 2205 | 14.5 | 82 | Japan |
| 149 | Toyota C  | 34   | 4 | 108 | 70  | 2245 | 16.9 | 82 | Japan |
| 150 | Honda Ci  | 38   | 4 | 91  | 67  | 1965 | 15   | 82 | Japan |
| 151 | Honda Ci  | 32   | 4 | 91  | 67  | 1965 | 15.7 | 82 | Japan |
| 152 | Datsun 3  | 38   | 4 | 91  | 67  | 1995 | 16.2 | 82 | Japan |
| 153 | Toyota C  | 32   | 4 | 144 | 96  | 2665 | 13.9 | 82 | Japan |
| 154 | Chevrole  | 18   | 8 | 307 | 130 | 3504 | 12   | 70 | US    |
| 155 | Buick Sk  | 15   | 8 | 350 | 165 | 3693 | 11.5 | 70 | US    |
| 156 | Plymouth  | 18   | 8 | 318 | 150 | 3436 | 11   | 70 | US    |
| 157 | AMC Reb   | 16   | 8 | 304 | 150 | 3433 | 12   | 70 | US    |
| 158 | Ford Tori | 17   | 8 | 302 | 140 | 3449 | 10.5 | 70 | US    |
| 159 | Ford Gal  | 15   | 8 | 429 | 198 | 4341 | 10   | 70 | US    |
| 160 | Chevrole  | 14   | 8 | 454 | 220 | 4354 | 9    | 70 | US    |
| 161 | Plymouth  | 14   | 8 | 440 | 215 | 4312 | 8.5  | 70 | US    |
| 162 | Pontiac C | 14   | 8 | 455 | 225 | 4425 | 10   | 70 | US    |
| 163 | AMC Amb   | 15   | 8 | 390 | 190 | 3850 | 8.5  | 70 | US    |
| 164 | Chevrole  | 0    | 8 | 350 | 165 | 4142 | 11.5 | 70 | US    |
| 165 | Ford Tori | 0    | 8 | 351 | 153 | 4034 | 11   | 70 | US    |
| 166 | Plymouth  | 0    | 8 | 383 | 175 | 4166 | 10.5 | 70 | US    |
| 167 | AMC Reb   | 0    | 8 | 360 | 175 | 3850 | 11   | 70 | US    |
| 168 | Dodge Cl  | 15   | 8 | 383 | 170 | 3563 | 10   | 70 | US    |
| 169 | Plymouth  | 14   | 8 | 340 | 160 | 3609 | 8    | 70 | US    |
| 170 | Ford Mus  | 0    | 8 | 302 | 140 | 3353 | 8    | 70 | US    |
| 171 | Chevrole  | 15   | 8 | 400 | 150 | 3761 | 9.5  | 70 | US    |
| 172 | Buick Est | 14   | 8 | 455 | 225 | 3086 | 10   | 70 | US    |
| 173 | Plymouth  | 22   | 6 | 198 | 95  | 2833 | 15.5 | 70 | US    |
| 174 | AMC Hor   | 18   | 6 | 199 | 97  | 2774 | 15.5 | 70 | US    |
| 175 | Ford Mav  | 21   | 6 | 200 | 85  | 2587 | 16   | 70 | US    |
| 176 | AMC Gre   | 21   | 6 | 199 | 90  | 2648 | 15   | 70 | US    |
| 177 | Ford F25  | 10   | 8 | 360 | 215 | 4615 | 14   | 70 | US    |
| 178 | Chevy C2  | 10   | 8 | 307 | 200 | 4376 | 15   | 70 | US    |
| 179 | Dodge D   | 11   | 8 | 318 | 210 | 4382 | 13.5 | 70 | US    |
| 180 | Hi 1200D  | 9    | 8 | 304 | 193 | 4732 | 18.5 | 70 | US    |
| 181 | Chevrole  | 28   | 4 | 140 | 90  | 2264 | 15.5 | 71 | US    |
| 182 | Ford Pint | 25   | 4 | 98  | 0   | 2046 | 19   | 71 | US    |
| 183 | AMC Gre   | 19   | 6 | 232 | 100 | 2634 | 13   | 71 | US    |

|     | A           | B  | C | D    | E   | F    | G    | H  | I  |
|-----|-------------|----|---|------|-----|------|------|----|----|
| 184 | Plymouth    | 16 | 6 | 225  | 105 | 3439 | 15.5 | 71 | US |
| 185 | Chevrolet   | 17 | 6 | 250  | 100 | 3329 | 15.5 | 71 | US |
| 186 | Ford Torino | 19 | 6 | 250  | 88  | 3302 | 15.5 | 71 | US |
| 187 | AMC Mat     | 18 | 6 | 232  | 100 | 3288 | 15.5 | 71 | US |
| 188 | Chevrolet   | 14 | 8 | 350  | 165 | 4209 | 12   | 71 | US |
| 189 | Pontiac C   | 14 | 8 | 400  | 175 | 4464 | 11.5 | 71 | US |
| 190 | Ford Gal    | 14 | 8 | 351  | 153 | 4154 | 13.5 | 71 | US |
| 191 | Plymouth    | 14 | 8 | 318  | 150 | 4096 | 13   | 71 | US |
| 192 | Dodge M     | 12 | 8 | 383  | 180 | 4955 | 11.5 | 71 | US |
| 193 | Ford Cou    | 13 | 8 | 400  | 170 | 4746 | 12   | 71 | US |
| 194 | Pontiac S   | 13 | 8 | 400  | 175 | 5140 | 12   | 71 | US |
| 195 | AMC Horn    | 18 | 6 | 258  | 110 | 2962 | 13.5 | 71 | US |
| 196 | Chevrolet   | 22 | 4 | 140  | 72  | 2408 | 19   | 71 | US |
| 197 | Pontiac F   | 19 | 6 | 250  | 100 | 3282 | 15   | 71 | US |
| 198 | Ford Mus    | 18 | 6 | 250  | 88  | 3139 | 14.5 | 71 | US |
| 199 | Mercury C   | 23 | 4 | 122  | 86  | 2220 | 14   | 71 | US |
| 200 | Plymouth    | 26 | 4 | 91   | 70  | 1955 | 20.5 | 71 | US |
| 201 | Dodge C     | 25 | 4 | 97.5 | 80  | 2126 | 17   | 72 | US |
| 202 | Chevrolet   | 20 | 4 | 140  | 90  | 2408 | 19.5 | 72 | US |
| 203 | Ford Pint   | 21 | 4 | 122  | 86  | 2226 | 16.5 | 72 | US |
| 204 | Chevrolet   | 13 | 8 | 350  | 165 | 4274 | 12   | 72 | US |
| 205 | Pontiac C   | 14 | 8 | 400  | 175 | 4385 | 12   | 72 | US |
| 206 | Plymouth    | 15 | 8 | 318  | 150 | 4135 | 13.5 | 72 | US |
| 207 | Ford Gal    | 14 | 8 | 351  | 153 | 4129 | 13   | 72 | US |
| 208 | AMC Amb     | 17 | 8 | 304  | 150 | 3672 | 11.5 | 72 | US |
| 209 | Mercury f   | 11 | 8 | 429  | 208 | 4633 | 11   | 72 | US |
| 210 | Buick Le    | 13 | 8 | 350  | 155 | 4502 | 13.5 | 72 | US |
| 211 | Oldsmob     | 12 | 8 | 350  | 160 | 4456 | 13.5 | 72 | US |
| 212 | Chrysler f  | 13 | 8 | 400  | 190 | 4422 | 12.5 | 72 | US |
| 213 | AMC Mat     | 15 | 8 | 304  | 150 | 3892 | 12.5 | 72 | US |
| 214 | Chevrolet   | 13 | 8 | 307  | 130 | 4098 | 14   | 72 | US |
| 215 | Ford Gra    | 13 | 8 | 302  | 140 | 4294 | 16   | 72 | US |
| 216 | Plymouth    | 14 | 8 | 318  | 150 | 4077 | 14   | 72 | US |
| 217 | Ford Pint   | 22 | 4 | 122  | 86  | 2395 | 16   | 72 | US |
| 218 | Dodge C     | 28 | 4 | 98   | 80  | 2164 | 15   | 72 | US |
| 219 | Buick Ce    | 13 | 8 | 350  | 175 | 4100 | 13   | 73 | US |
| 220 | AMC Mat     | 14 | 8 | 304  | 150 | 3672 | 11.5 | 73 | US |
| 221 | Chevrolet   | 13 | 8 | 350  | 145 | 3988 | 13   | 73 | US |
| 222 | Ford Gra    | 14 | 8 | 302  | 137 | 4042 | 14.5 | 73 | US |
| 223 | Dodge C     | 15 | 8 | 318  | 150 | 3777 | 12.5 | 73 | US |
| 224 | Mercury f   | 12 | 8 | 429  | 198 | 4952 | 11.5 | 73 | US |
| 225 | Chevrolet   | 13 | 8 | 400  | 150 | 4464 | 12   | 73 | US |
| 226 | Ford LTD    | 13 | 8 | 351  | 158 | 4363 | 13   | 73 | US |
| 227 | Plymouth    | 14 | 8 | 318  | 150 | 4237 | 14.5 | 73 | US |
| 228 | Chrysler f  | 13 | 8 | 440  | 215 | 4735 | 11   | 73 | US |
| 229 | Buick Ele   | 12 | 8 | 455  | 225 | 4951 | 11   | 73 | US |

|     | A         | B  | C | D   | E   | F    | G    | H  | I  |
|-----|-----------|----|---|-----|-----|------|------|----|----|
| 230 | AMC Amb   | 13 | 8 | 360 | 175 | 3821 | 11   | 73 | US |
| 231 | Plymouth  | 18 | 6 | 225 | 105 | 3121 | 16.5 | 73 | US |
| 232 | Chevrolet | 16 | 6 | 250 | 100 | 3278 | 18   | 73 | US |
| 233 | AMC Horn  | 18 | 6 | 232 | 100 | 2945 | 16   | 73 | US |
| 234 | Ford Mav  | 18 | 6 | 250 | 88  | 3021 | 16.5 | 73 | US |
| 235 | Plymouth  | 23 | 6 | 198 | 95  | 2904 | 16   | 73 | US |
| 236 | Chevrolet | 11 | 8 | 400 | 150 | 4997 | 14   | 73 | US |
| 237 | Ford Cou  | 12 | 8 | 400 | 167 | 4906 | 12.5 | 73 | US |
| 238 | Plymouth  | 13 | 8 | 360 | 170 | 4654 | 13   | 73 | US |
| 239 | Oldsmob   | 12 | 8 | 350 | 180 | 4499 | 12.5 | 73 | US |
| 240 | AMC Gre   | 18 | 6 | 232 | 100 | 2789 | 15   | 73 | US |
| 241 | Chevrolet | 21 | 4 | 140 | 72  | 2401 | 19.5 | 73 | US |
| 242 | Ford Pint | 19 | 4 | 122 | 85  | 2310 | 18.5 | 73 | US |
| 243 | Mercury C | 21 | 6 | 155 | 107 | 2472 | 14   | 73 | US |
| 244 | Chevrolet | 15 | 8 | 350 | 145 | 4082 | 13   | 73 | US |
| 245 | Pontiac C | 16 | 8 | 400 | 230 | 4278 | 9.5  | 73 | US |
| 246 | Dodge D.  | 15 | 8 | 318 | 150 | 3399 | 11   | 73 | US |
| 247 | Oldsmob   | 11 | 8 | 350 | 180 | 3664 | 11   | 73 | US |
| 248 | Plymouth  | 20 | 6 | 198 | 95  | 3102 | 16.5 | 74 | US |
| 249 | Ford Mav  | 21 | 6 | 200 | 0   | 2875 | 17   | 74 | US |
| 250 | AMC Horn  | 19 | 6 | 232 | 100 | 2901 | 16   | 74 | US |
| 251 | Chevrolet | 15 | 6 | 250 | 100 | 3336 | 17   | 74 | US |
| 252 | Ford Pint | 26 | 4 | 122 | 80  | 2451 | 16.5 | 74 | US |
| 253 | Chevrolet | 25 | 4 | 140 | 75  | 2542 | 17   | 74 | US |
| 254 | Chevrolet | 16 | 6 | 250 | 100 | 3781 | 17   | 74 | US |
| 255 | AMC Mat   | 16 | 6 | 258 | 110 | 3632 | 18   | 74 | US |
| 256 | Plymouth  | 18 | 6 | 225 | 105 | 3613 | 16.5 | 74 | US |
| 257 | Ford Grai | 16 | 8 | 302 | 140 | 4141 | 14   | 74 | US |
| 258 | Buick Ce  | 13 | 8 | 350 | 150 | 4699 | 14.5 | 74 | US |
| 259 | Dodge C.  | 14 | 8 | 318 | 150 | 4457 | 13.5 | 74 | US |
| 260 | Ford Grai | 14 | 8 | 302 | 140 | 4638 | 16   | 74 | US |
| 261 | AMC Mat   | 14 | 8 | 304 | 150 | 4257 | 15.5 | 74 | US |
| 262 | Dodge C.  | 28 | 4 | 90  | 75  | 2125 | 14.5 | 74 | US |
| 263 | Plymouth  | 19 | 6 | 225 | 95  | 3264 | 16   | 75 | US |
| 264 | Chevrolet | 18 | 6 | 250 | 105 | 3459 | 16   | 75 | US |
| 265 | Mercury f | 15 | 6 | 250 | 72  | 3432 | 21   | 75 | US |
| 266 | Ford Mav  | 15 | 6 | 250 | 72  | 3158 | 19.5 | 75 | US |
| 267 | Pontiac C | 16 | 8 | 400 | 170 | 4668 | 11.5 | 75 | US |
| 268 | Chevrolet | 15 | 8 | 350 | 145 | 4440 | 14   | 75 | US |
| 269 | Plymouth  | 16 | 8 | 318 | 150 | 4498 | 14.5 | 75 | US |
| 270 | Ford LTD  | 14 | 8 | 351 | 148 | 4657 | 13.5 | 75 | US |
| 271 | Buick Ce  | 17 | 6 | 231 | 110 | 3907 | 21   | 75 | US |
| 272 | Chevrolet | 16 | 6 | 250 | 105 | 3897 | 18.5 | 75 | US |
| 273 | AMC Mat   | 15 | 6 | 258 | 110 | 3730 | 19   | 75 | US |
| 274 | Plymouth  | 18 | 6 | 225 | 95  | 3785 | 19   | 75 | US |
| 275 | Buick Sk  | 21 | 6 | 231 | 110 | 3039 | 15   | 75 | US |

|     | A                 | B    | C | D   | E   | F    | G    | H  | I  |
|-----|-------------------|------|---|-----|-----|------|------|----|----|
| 276 | Chevrolet         | 20   | 8 | 262 | 110 | 3221 | 13.5 | 75 | US |
| 277 | Ford Mustang      | 13   | 8 | 302 | 129 | 3169 | 12   | 75 | US |
| 278 | Ford Pinto        | 23   | 4 | 140 | 83  | 2639 | 17   | 75 | US |
| 279 | AMC Gremlin       | 20   | 6 | 232 | 100 | 2914 | 16   | 75 | US |
| 280 | Pontiac Astor     | 23   | 4 | 140 | 78  | 2592 | 18.5 | 75 | US |
| 281 | Ford Pinto        | 18   | 6 | 171 | 97  | 2984 | 14.5 | 75 | US |
| 282 | AMC Pacer         | 19   | 6 | 232 | 90  | 3211 | 17   | 75 | US |
| 283 | Capri II          | 25   | 4 | 140 | 92  | 2572 | 14.9 | 76 | US |
| 284 | Dodge Colt        | 26   | 4 | 98  | 79  | 2255 | 17.7 | 76 | US |
| 285 | Chevrolet         | 17.5 | 8 | 305 | 140 | 4215 | 13   | 76 | US |
| 286 | Dodge Colt        | 16   | 8 | 318 | 150 | 4190 | 13   | 76 | US |
| 287 | AMC Matador       | 15.5 | 8 | 304 | 120 | 3962 | 13.9 | 76 | US |
| 288 | Ford Granada      | 14.5 | 8 | 351 | 152 | 4215 | 12.8 | 76 | US |
| 289 | Plymouth          | 22   | 6 | 225 | 100 | 3233 | 15.4 | 76 | US |
| 290 | Chevrolet         | 22   | 6 | 250 | 105 | 3353 | 14.5 | 76 | US |
| 291 | Ford Maverick     | 24   | 6 | 200 | 81  | 3012 | 17.6 | 76 | US |
| 292 | AMC Hornet        | 22.5 | 6 | 232 | 90  | 3085 | 17.6 | 76 | US |
| 293 | Chevrolet         | 29   | 4 | 85  | 52  | 2035 | 22.2 | 76 | US |
| 294 | Chevrolet         | 24.5 | 4 | 98  | 60  | 2164 | 22.1 | 76 | US |
| 295 | Dodge Aries       | 20   | 6 | 225 | 100 | 3651 | 17.7 | 76 | US |
| 296 | Ford Gremlin      | 18   | 6 | 250 | 78  | 3574 | 21   | 76 | US |
| 297 | Pontiac V6        | 18.5 | 6 | 250 | 110 | 3645 | 16.2 | 76 | US |
| 298 | AMC Pacer         | 17.5 | 6 | 258 | 95  | 3193 | 17.8 | 76 | US |
| 299 | Ford Pinto        | 26.5 | 4 | 140 | 72  | 2565 | 13.6 | 76 | US |
| 300 | Plymouth          | 13   | 8 | 318 | 150 | 3940 | 13.2 | 76 | US |
| 301 | Cadillac Seville  | 16.5 | 8 | 350 | 180 | 4380 | 12.1 | 76 | US |
| 302 | Chevrolet         | 13   | 8 | 350 | 145 | 4055 | 12   | 76 | US |
| 303 | Ford F100         | 13   | 8 | 302 | 130 | 3870 | 15   | 76 | US |
| 304 | Dodge Dart        | 13   | 8 | 318 | 150 | 3755 | 14   | 76 | US |
| 305 | Buick Opel        | 30   | 4 | 111 | 80  | 2155 | 14.8 | 77 | US |
| 306 | Plymouth          | 25.5 | 4 | 122 | 96  | 2300 | 15.5 | 77 | US |
| 307 | Chevrolet         | 17.5 | 8 | 305 | 145 | 3880 | 12.5 | 77 | US |
| 308 | Oldsmobile        | 17   | 8 | 260 | 110 | 4060 | 19   | 77 | US |
| 309 | Dodge Magnum      | 15.5 | 8 | 318 | 145 | 4140 | 13.7 | 77 | US |
| 310 | Mercury Cougar    | 15   | 8 | 302 | 130 | 4295 | 14.9 | 77 | US |
| 311 | Chevrolet         | 17.5 | 6 | 250 | 110 | 3520 | 16.4 | 77 | US |
| 312 | Buick Skylark     | 20.5 | 6 | 231 | 105 | 3425 | 16.9 | 77 | US |
| 313 | Plymouth          | 19   | 6 | 225 | 100 | 3630 | 17.7 | 77 | US |
| 314 | Ford Gremlin      | 18.5 | 6 | 250 | 98  | 3525 | 19   | 77 | US |
| 315 | Pontiac Catalina  | 16   | 8 | 400 | 180 | 4220 | 11.1 | 77 | US |
| 316 | Chevrolet         | 15.5 | 8 | 350 | 170 | 4165 | 11.4 | 77 | US |
| 317 | Chrysler Conquest | 15.5 | 8 | 400 | 190 | 4325 | 12.2 | 77 | US |
| 318 | Ford Thunderbird  | 16   | 8 | 351 | 149 | 4335 | 14.5 | 77 | US |
| 319 | Pontiac Sunbird   | 24.5 | 4 | 151 | 88  | 2740 | 16   | 77 | US |
| 320 | Ford Mustang      | 25.5 | 4 | 140 | 89  | 2755 | 15.8 | 77 | US |
| 321 | Chevrolet         | 30.5 | 4 | 98  | 63  | 2051 | 17   | 77 | US |



|     | A          | B    | C | D   | E   | F    | G    | H  | I  |
|-----|------------|------|---|-----|-----|------|------|----|----|
| 322 | Dodge C    | 33.5 | 4 | 98  | 83  | 2075 | 15.9 | 77 | US |
| 323 | Ford Fies  | 36.1 | 4 | 98  | 66  | 1800 | 14.4 | 78 | US |
| 324 | Oldsmob    | 19.9 | 8 | 260 | 110 | 3365 | 15.5 | 78 | US |
| 325 | Dodge Di   | 19.4 | 8 | 318 | 140 | 3735 | 13.2 | 78 | US |
| 326 | Mercury f  | 20.2 | 8 | 302 | 139 | 3570 | 12.8 | 78 | US |
| 327 | Pontiac F  | 19.2 | 6 | 231 | 105 | 3535 | 19.2 | 78 | US |
| 328 | Chevrole   | 20.5 | 6 | 200 | 95  | 3155 | 18.2 | 78 | US |
| 329 | Ford Fair  | 20.2 | 6 | 200 | 85  | 2965 | 15.8 | 78 | US |
| 330 | Ford Fair  | 25.1 | 4 | 140 | 88  | 2720 | 15.4 | 78 | US |
| 331 | Plymouth   | 20.5 | 6 | 225 | 100 | 3430 | 17.2 | 78 | US |
| 332 | AMC Cor    | 19.4 | 6 | 232 | 90  | 3210 | 17.2 | 78 | US |
| 333 | Buick Ce   | 20.6 | 6 | 231 | 105 | 3380 | 15.8 | 78 | US |
| 334 | Mercury c  | 20.8 | 6 | 200 | 85  | 3070 | 16.7 | 78 | US |
| 335 | Dodge A    | 18.6 | 6 | 225 | 110 | 3620 | 18.7 | 78 | US |
| 336 | AMC Cor    | 18.1 | 6 | 258 | 120 | 3410 | 15.1 | 78 | US |
| 337 | Chevrole   | 19.2 | 8 | 305 | 145 | 3425 | 13.2 | 78 | US |
| 338 | Buick Re   | 17.7 | 6 | 231 | 165 | 3445 | 13.4 | 78 | US |
| 339 | Ford Futu  | 18.1 | 8 | 302 | 139 | 3205 | 11.2 | 78 | US |
| 340 | Dodge M    | 17.5 | 8 | 318 | 140 | 4080 | 13.7 | 78 | US |
| 341 | Chevrole   | 30   | 4 | 98  | 68  | 2155 | 16.5 | 78 | US |
| 342 | Dodge D    | 30.9 | 4 | 105 | 75  | 2230 | 14.5 | 78 | US |
| 343 | Plymouth   | 23.2 | 4 | 156 | 105 | 2745 | 16.7 | 78 | US |
| 344 | Oldsmob    | 23.8 | 4 | 151 | 85  | 2855 | 17.6 | 78 | US |
| 345 | Pontiac L  | 21.5 | 6 | 231 | 115 | 3245 | 15.4 | 79 | US |
| 346 | Mercury c  | 19.8 | 6 | 200 | 85  | 2990 | 18.2 | 79 | US |
| 347 | Ford Fair  | 22.3 | 4 | 140 | 88  | 2890 | 17.3 | 79 | US |
| 348 | AMC Cor    | 20.2 | 6 | 232 | 90  | 3265 | 18.2 | 79 | US |
| 349 | Dodge A    | 20.6 | 6 | 225 | 110 | 3360 | 16.6 | 79 | US |
| 350 | Chevrole   | 17   | 8 | 305 | 130 | 3840 | 15.4 | 79 | US |
| 351 | Ford LTD   | 17.6 | 8 | 302 | 129 | 3725 | 13.4 | 79 | US |
| 352 | Mercury C  | 16.5 | 8 | 351 | 138 | 3955 | 13.2 | 79 | US |
| 353 | Dodge Si   | 18.2 | 8 | 318 | 135 | 3830 | 15.2 | 79 | US |
| 354 | Buick Est  | 16.9 | 8 | 350 | 155 | 4360 | 14.9 | 79 | US |
| 355 | Ford Cou   | 15.5 | 8 | 351 | 142 | 4054 | 14.3 | 79 | US |
| 356 | Chevrole   | 19.2 | 8 | 267 | 125 | 3605 | 15   | 79 | US |
| 357 | Chrysler L | 18.5 | 8 | 360 | 150 | 3940 | 13   | 79 | US |
| 358 | Dodge C    | 35.7 | 4 | 98  | 80  | 1915 | 14.4 | 79 | US |
| 359 | AMC Spir   | 27.4 | 4 | 121 | 80  | 2670 | 15   | 79 | US |
| 360 | Cadillac f | 23   | 8 | 350 | 125 | 3900 | 17.4 | 79 | US |
| 361 | Oldsmob    | 23.9 | 8 | 260 | 90  | 3420 | 22.2 | 79 | US |
| 362 | Plymouth   | 34.2 | 4 | 105 | 70  | 2200 | 13.2 | 79 | US |
| 363 | Plymouth   | 34.5 | 4 | 105 | 70  | 2150 | 14.9 | 79 | US |
| 364 | Buick Sk   | 28.4 | 4 | 151 | 90  | 2670 | 16   | 79 | US |
| 365 | Chevrole   | 28.8 | 6 | 173 | 115 | 2595 | 11.3 | 79 | US |
| 366 | Oldsmob    | 26.8 | 6 | 173 | 115 | 2700 | 12.9 | 79 | US |
| 367 | Pontiac F  | 33.5 | 4 | 151 | 90  | 2556 | 13.2 | 79 | US |

|     | A          | B    | C | D   | E   | F    | G    | H  | I  |
|-----|------------|------|---|-----|-----|------|------|----|----|
| 368 | Chevrolet  | 32.1 | 4 | 98  | 70  | 2120 | 15.5 | 80 | US |
| 369 | Chevrolet  | 28   | 4 | 151 | 90  | 2678 | 16.5 | 80 | US |
| 370 | Ford Fair  | 26.4 | 4 | 140 | 88  | 2870 | 18.1 | 80 | US |
| 371 | AMC Cor    | 24.3 | 4 | 151 | 90  | 3003 | 20.1 | 80 | US |
| 372 | Dodge A    | 19.1 | 6 | 225 | 90  | 3381 | 18.7 | 80 | US |
| 373 | Dodge C    | 27.9 | 4 | 156 | 105 | 2800 | 14.4 | 80 | US |
| 374 | Ford Mus   | 23.6 | 4 | 140 | 0   | 2905 | 14.3 | 80 | US |
| 375 | Plymouth   | 27.2 | 4 | 135 | 84  | 2490 | 15.7 | 81 | US |
| 376 | Buick Sk   | 26.6 | 4 | 151 | 84  | 2635 | 16.4 | 81 | US |
| 377 | Dodge A    | 25.8 | 4 | 156 | 92  | 2620 | 14.4 | 81 | US |
| 378 | Chevrolet  | 23.5 | 6 | 173 | 110 | 2725 | 12.6 | 81 | US |
| 379 | Plymouth   | 30   | 4 | 135 | 84  | 2385 | 12.9 | 81 | US |
| 380 | Plymouth   | 39   | 4 | 86  | 64  | 1875 | 16.4 | 81 | US |
| 381 | Plymouth   | 34.7 | 4 | 105 | 63  | 2215 | 14.9 | 81 | US |
| 382 | Ford Esc   | 34.4 | 4 | 98  | 65  | 2045 | 16.2 | 81 | US |
| 383 | Ford Esc   | 29.9 | 4 | 98  | 65  | 2380 | 20.7 | 81 | US |
| 384 | Buick Ce   | 22.4 | 6 | 231 | 110 | 3415 | 15.8 | 81 | US |
| 385 | Oldsmob    | 26.6 | 8 | 350 | 105 | 3725 | 19   | 81 | US |
| 386 | Ford Gre   | 20.2 | 6 | 200 | 88  | 3060 | 17.1 | 81 | US |
| 387 | Chrysler L | 17.6 | 6 | 225 | 85  | 3465 | 16.6 | 81 | US |
| 388 | Chevrolet  | 28   | 4 | 112 | 88  | 2605 | 19.6 | 82 | US |
| 389 | Chevrolet  | 27   | 4 | 112 | 88  | 2640 | 18.6 | 82 | US |
| 390 | Chevrolet  | 34   | 4 | 112 | 88  | 2395 | 18   | 82 | US |
| 391 | Pontiac V  | 31   | 4 | 112 | 85  | 2575 | 16.2 | 82 | US |
| 392 | Dodge A    | 29   | 4 | 135 | 84  | 2525 | 16   | 82 | US |
| 393 | Pontiac F  | 27   | 4 | 151 | 90  | 2735 | 18   | 82 | US |
| 394 | Ford Fair  | 24   | 4 | 140 | 92  | 2865 | 16.4 | 82 | US |
| 395 | AMC Cor    | 23   | 4 | 151 | 0   | 3035 | 20.5 | 82 | US |
| 396 | Plymouth   | 38   | 4 | 105 | 63  | 2125 | 14.7 | 82 | US |
| 397 | Mercury L  | 36   | 4 | 98  | 70  | 2125 | 17.3 | 82 | US |
| 398 | Buick Ce   | 25   | 6 | 181 | 110 | 2945 | 16.4 | 82 | US |
| 399 | Oldsmob    | 38   | 6 | 262 | 85  | 3015 | 17   | 82 | US |
| 400 | Chrysler L | 26   | 4 | 156 | 92  | 2585 | 14.5 | 82 | US |
| 401 | Ford Gre   | 22   | 6 | 232 | 112 | 2835 | 14.7 | 82 | US |
| 402 | Dodge Cl   | 36   | 4 | 135 | 84  | 2370 | 13   | 82 | US |
| 403 | Chevrolet  | 27   | 4 | 151 | 90  | 2950 | 17.3 | 82 | US |
| 404 | Ford Mus   | 27   | 4 | 140 | 86  | 2790 | 15.6 | 82 | US |
| 405 | Dodge R    | 32   | 4 | 135 | 84  | 2295 | 11.6 | 82 | US |
| 406 | Ford Ran   | 28   | 4 | 120 | 79  | 2625 | 18.6 | 82 | US |
| 407 | Chevy S-   | 31   | 4 | 119 | 82  | 2720 | 19.4 | 82 | US |

Below are the screenshot of our processed dataset for hypothesis testing

|    | A                | B   | C         | D            | E          | F      | G            | H     | I      |
|----|------------------|-----|-----------|--------------|------------|--------|--------------|-------|--------|
| 1  | Car              | MPG | Cylinders | Displacement | Horsepower | Weight | Acceleration | Model | Origin |
| 2  | Chevrolet        | 18  | 8         | 307          | 130        | 3504   | 12           | 70    | US     |
| 3  | Buick Skylark    | 15  | 8         | 350          | 165        | 3693   | 11.5         | 70    | US     |
| 4  | Plymouth         | 18  | 8         | 318          | 150        | 3436   | 11           | 70    | US     |
| 5  | AMC Rebel        | 16  | 8         | 304          | 150        | 3433   | 12           | 70    | US     |
| 6  | Ford Torino      | 17  | 8         | 302          | 140        | 3449   | 10.5         | 70    | US     |
| 7  | Ford Galaxie     | 15  | 8         | 429          | 198        | 4341   | 10           | 70    | US     |
| 8  | Chevrolet        | 14  | 8         | 454          | 220        | 4354   | 9            | 70    | US     |
| 9  | Plymouth         | 14  | 8         | 440          | 215        | 4312   | 8.5          | 70    | US     |
| 10 | Pontiac Catalina | 14  | 8         | 455          | 225        | 4425   | 10           | 70    | US     |
| 11 | AMC Ambassador   | 15  | 8         | 390          | 190        | 3850   | 8.5          | 70    | US     |
| 12 | Chevrolet        | 0   | 8         | 350          | 165        | 4142   | 11.5         | 70    | US     |
| 13 | Ford Torino      | 0   | 8         | 351          | 153        | 4034   | 11           | 70    | US     |
| 14 | Plymouth         | 0   | 8         | 383          | 175        | 4166   | 10.5         | 70    | US     |
| 15 | AMC Rebel        | 0   | 8         | 360          | 175        | 3850   | 11           | 70    | US     |
| 16 | Dodge Challenger | 15  | 8         | 383          | 170        | 3563   | 10           | 70    | US     |
| 17 | Plymouth         | 14  | 8         | 340          | 160        | 3609   | 8            | 70    | US     |
| 18 | Ford Mustang     | 0   | 8         | 302          | 140        | 3353   | 8            | 70    | US     |
| 19 | Chevrolet        | 15  | 8         | 400          | 150        | 3761   | 9.5          | 70    | US     |
| 20 | Buick Estate     | 14  | 8         | 455          | 225        | 3086   | 10           | 70    | US     |
| 21 | Plymouth         | 22  | 6         | 198          | 95         | 2833   | 15.5         | 70    | US     |
| 22 | AMC Hornet       | 18  | 6         | 199          | 97         | 2774   | 15.5         | 70    | US     |
| 23 | Ford Maverick    | 21  | 6         | 200          | 85         | 2587   | 16           | 70    | US     |
| 24 | AMC Gremlin      | 21  | 6         | 199          | 90         | 2648   | 15           | 70    | US     |
| 25 | Ford F250        | 10  | 8         | 360          | 215        | 4615   | 14           | 70    | US     |
| 26 | Chevy C20        | 10  | 8         | 307          | 200        | 4376   | 15           | 70    | US     |
| 27 | Dodge Dart       | 11  | 8         | 318          | 210        | 4382   | 13.5         | 70    | US     |
| 28 | Hi 1200D         | 9   | 8         | 304          | 193        | 4732   | 18.5         | 70    | US     |
| 29 | Chevrolet        | 28  | 4         | 140          | 90         | 2264   | 15.5         | 71    | US     |
| 30 | Ford Pinto       | 25  | 4         | 98           | 0          | 2046   | 19           | 71    | US     |
| 31 | AMC Gremlin      | 19  | 6         | 232          | 100        | 2634   | 13           | 71    | US     |
| 32 | Plymouth         | 16  | 6         | 225          | 105        | 3439   | 15.5         | 71    | US     |
| 33 | Chevrolet        | 17  | 6         | 250          | 100        | 3329   | 15.5         | 71    | US     |
| 34 | Ford Torino      | 19  | 6         | 250          | 88         | 3302   | 15.5         | 71    | US     |
| 35 | AMC Matador      | 18  | 6         | 232          | 100        | 3288   | 15.5         | 71    | US     |
| 36 | Chevrolet        | 14  | 8         | 350          | 165        | 4209   | 12           | 71    | US     |
| 37 | Pontiac Catalina | 14  | 8         | 400          | 175        | 4464   | 11.5         | 71    | US     |
| 38 | Ford Galaxie     | 14  | 8         | 351          | 153        | 4154   | 13.5         | 71    | US     |
| 39 | Plymouth         | 14  | 8         | 318          | 150        | 4096   | 13           | 71    | US     |
| 40 | Dodge Monaco     | 12  | 8         | 383          | 180        | 4955   | 11.5         | 71    | US     |
| 41 | Ford Cougar      | 13  | 8         | 400          | 170        | 4746   | 12           | 71    | US     |
| 42 | Pontiac Sedan    | 13  | 8         | 400          | 175        | 5140   | 12           | 71    | US     |
| 43 | AMC Hornet       | 18  | 6         | 258          | 110        | 2962   | 13.5         | 71    | US     |
| 44 | Chevrolet        | 22  | 4         | 140          | 72         | 2408   | 19           | 71    | US     |
| 45 | Pontiac Firebird | 19  | 6         | 250          | 100        | 3282   | 15           | 71    | US     |
| 46 | Ford Mustang     | 18  | 6         | 250          | 88         | 3139   | 14.5         | 71    | US     |

|    | A                 | B  | C | D    | E   | F    | G    | H  | I  |
|----|-------------------|----|---|------|-----|------|------|----|----|
| 47 | Mercury C         | 23 | 4 | 122  | 86  | 2220 | 14   | 71 | US |
| 48 | Plymouth          | 26 | 4 | 91   | 70  | 1955 | 20.5 | 71 | US |
| 49 | Dodge C           | 25 | 4 | 97.5 | 80  | 2126 | 17   | 72 | US |
| 50 | Chevrolet         | 20 | 4 | 140  | 90  | 2408 | 19.5 | 72 | US |
| 51 | Ford Pinto        | 21 | 4 | 122  | 86  | 2226 | 16.5 | 72 | US |
| 52 | Chevrolet         | 13 | 8 | 350  | 165 | 4274 | 12   | 72 | US |
| 53 | Pontiac C         | 14 | 8 | 400  | 175 | 4385 | 12   | 72 | US |
| 54 | Plymouth          | 15 | 8 | 318  | 150 | 4135 | 13.5 | 72 | US |
| 55 | Ford Galaxie      | 14 | 8 | 351  | 153 | 4129 | 13   | 72 | US |
| 56 | AMC Ambler        | 17 | 8 | 304  | 150 | 3672 | 11.5 | 72 | US |
| 57 | Mercury Marauder  | 11 | 8 | 429  | 208 | 4633 | 11   | 72 | US |
| 58 | Buick LeSabre     | 13 | 8 | 350  | 155 | 4502 | 13.5 | 72 | US |
| 59 | Oldsmobile        | 12 | 8 | 350  | 160 | 4456 | 13.5 | 72 | US |
| 60 | Chrysler Imperial | 13 | 8 | 400  | 190 | 4422 | 12.5 | 72 | US |
| 61 | AMC Matador       | 15 | 8 | 304  | 150 | 3892 | 12.5 | 72 | US |
| 62 | Chevrolet         | 13 | 8 | 307  | 130 | 4098 | 14   | 72 | US |
| 63 | Ford Granada      | 13 | 8 | 302  | 140 | 4294 | 16   | 72 | US |
| 64 | Plymouth          | 14 | 8 | 318  | 150 | 4077 | 14   | 72 | US |
| 65 | Ford Pinto        | 22 | 4 | 122  | 86  | 2395 | 16   | 72 | US |
| 66 | Dodge Coronet     | 28 | 4 | 98   | 80  | 2164 | 15   | 72 | US |
| 67 | Buick Century     | 13 | 8 | 350  | 175 | 4100 | 13   | 73 | US |
| 68 | AMC Matador       | 14 | 8 | 304  | 150 | 3672 | 11.5 | 73 | US |
| 69 | Chevrolet         | 13 | 8 | 350  | 145 | 3988 | 13   | 73 | US |
| 70 | Ford Granada      | 14 | 8 | 302  | 137 | 4042 | 14.5 | 73 | US |
| 71 | Dodge Coronet     | 15 | 8 | 318  | 150 | 3777 | 12.5 | 73 | US |
| 72 | Mercury Marauder  | 12 | 8 | 429  | 198 | 4952 | 11.5 | 73 | US |
| 73 | Chevrolet         | 13 | 8 | 400  | 150 | 4464 | 12   | 73 | US |
| 74 | Ford LTD          | 13 | 8 | 351  | 158 | 4363 | 13   | 73 | US |
| 75 | Plymouth          | 14 | 8 | 318  | 150 | 4237 | 14.5 | 73 | US |
| 76 | Chrysler Imperial | 13 | 8 | 440  | 215 | 4735 | 11   | 73 | US |
| 77 | Buick Electra     | 12 | 8 | 455  | 225 | 4951 | 11   | 73 | US |
| 78 | AMC Ambler        | 13 | 8 | 360  | 175 | 3821 | 11   | 73 | US |
| 79 | Plymouth          | 18 | 6 | 225  | 105 | 3121 | 16.5 | 73 | US |
| 80 | Chevrolet         | 16 | 6 | 250  | 100 | 3278 | 18   | 73 | US |
| 81 | AMC Hornet        | 18 | 6 | 232  | 100 | 2945 | 16   | 73 | US |
| 82 | Ford Maverick     | 18 | 6 | 250  | 88  | 3021 | 16.5 | 73 | US |
| 83 | Plymouth          | 23 | 6 | 198  | 95  | 2904 | 16   | 73 | US |
| 84 | Chevrolet         | 11 | 8 | 400  | 150 | 4997 | 14   | 73 | US |
| 85 | Ford Cougar       | 12 | 8 | 400  | 167 | 4906 | 12.5 | 73 | US |
| 86 | Plymouth          | 13 | 8 | 360  | 170 | 4654 | 13   | 73 | US |
| 87 | Oldsmobile        | 12 | 8 | 350  | 180 | 4499 | 12.5 | 73 | US |
| 88 | AMC Gremlin       | 18 | 6 | 232  | 100 | 2789 | 15   | 73 | US |
| 89 | Chevrolet         | 21 | 4 | 140  | 72  | 2401 | 19.5 | 73 | US |
| 90 | Ford Pinto        | 19 | 4 | 122  | 85  | 2310 | 18.5 | 73 | US |
| 91 | Mercury Cougar    | 21 | 6 | 155  | 107 | 2472 | 14   | 73 | US |
| 92 | Chevrolet         | 15 | 8 | 350  | 145 | 4082 | 13   | 73 | US |

|     | A         | B    | C | D   | E   | F    | G    | H  | I  |
|-----|-----------|------|---|-----|-----|------|------|----|----|
| 93  | Pontiac C | 16   | 8 | 400 | 230 | 4278 | 9.5  | 73 | US |
| 94  | Dodge D   | 15   | 8 | 318 | 150 | 3399 | 11   | 73 | US |
| 95  | Oldsmob   | 11   | 8 | 350 | 180 | 3664 | 11   | 73 | US |
| 96  | Plymouth  | 20   | 6 | 198 | 95  | 3102 | 16.5 | 74 | US |
| 97  | Ford Mav  | 21   | 6 | 200 | 0   | 2875 | 17   | 74 | US |
| 98  | AMC Horn  | 19   | 6 | 232 | 100 | 2901 | 16   | 74 | US |
| 99  | Chevrolet | 15   | 6 | 250 | 100 | 3336 | 17   | 74 | US |
| 100 | Ford Pint | 26   | 4 | 122 | 80  | 2451 | 16.5 | 74 | US |
| 101 | Chevrolet | 25   | 4 | 140 | 75  | 2542 | 17   | 74 | US |
| 102 | Chevrolet | 16   | 6 | 250 | 100 | 3781 | 17   | 74 | US |
| 103 | AMC Mat   | 16   | 6 | 258 | 110 | 3632 | 18   | 74 | US |
| 104 | Plymouth  | 18   | 6 | 225 | 105 | 3613 | 16.5 | 74 | US |
| 105 | Ford Gra  | 16   | 8 | 302 | 140 | 4141 | 14   | 74 | US |
| 106 | Buick Ce  | 13   | 8 | 350 | 150 | 4699 | 14.5 | 74 | US |
| 107 | Dodge C   | 14   | 8 | 318 | 150 | 4457 | 13.5 | 74 | US |
| 108 | Ford Gra  | 14   | 8 | 302 | 140 | 4638 | 16   | 74 | US |
| 109 | AMC Mat   | 14   | 8 | 304 | 150 | 4257 | 15.5 | 74 | US |
| 110 | Dodge C   | 28   | 4 | 90  | 75  | 2125 | 14.5 | 74 | US |
| 111 | Plymouth  | 19   | 6 | 225 | 95  | 3264 | 16   | 75 | US |
| 112 | Chevrolet | 18   | 6 | 250 | 105 | 3459 | 16   | 75 | US |
| 113 | Mercury f | 15   | 6 | 250 | 72  | 3432 | 21   | 75 | US |
| 114 | Ford Mav  | 15   | 6 | 250 | 72  | 3158 | 19.5 | 75 | US |
| 115 | Pontiac C | 16   | 8 | 400 | 170 | 4668 | 11.5 | 75 | US |
| 116 | Chevrolet | 15   | 8 | 350 | 145 | 4440 | 14   | 75 | US |
| 117 | Plymouth  | 16   | 8 | 318 | 150 | 4498 | 14.5 | 75 | US |
| 118 | Ford LTD  | 14   | 8 | 351 | 148 | 4657 | 13.5 | 75 | US |
| 119 | Buick Ce  | 17   | 6 | 231 | 110 | 3907 | 21   | 75 | US |
| 120 | Chevrolet | 16   | 6 | 250 | 105 | 3897 | 18.5 | 75 | US |
| 121 | AMC Mat   | 15   | 6 | 258 | 110 | 3730 | 19   | 75 | US |
| 122 | Plymouth  | 18   | 6 | 225 | 95  | 3785 | 19   | 75 | US |
| 123 | Buick Sky | 21   | 6 | 231 | 110 | 3039 | 15   | 75 | US |
| 124 | Chevrolet | 20   | 8 | 262 | 110 | 3221 | 13.5 | 75 | US |
| 125 | Ford Mus  | 13   | 8 | 302 | 129 | 3169 | 12   | 75 | US |
| 126 | Ford Pint | 23   | 4 | 140 | 83  | 2639 | 17   | 75 | US |
| 127 | AMC Gre   | 20   | 6 | 232 | 100 | 2914 | 16   | 75 | US |
| 128 | Pontiac A | 23   | 4 | 140 | 78  | 2592 | 18.5 | 75 | US |
| 129 | Ford Pint | 18   | 6 | 171 | 97  | 2984 | 14.5 | 75 | US |
| 130 | AMC Pac   | 19   | 6 | 232 | 90  | 3211 | 17   | 75 | US |
| 131 | Capri ii  | 25   | 4 | 140 | 92  | 2572 | 14.9 | 76 | US |
| 132 | Dodge C   | 26   | 4 | 98  | 79  | 2255 | 17.7 | 76 | US |
| 133 | Chevrolet | 17.5 | 8 | 305 | 140 | 4215 | 13   | 76 | US |
| 134 | Dodge C   | 16   | 8 | 318 | 150 | 4190 | 13   | 76 | US |
| 135 | AMC Mat   | 15.5 | 8 | 304 | 120 | 3962 | 13.9 | 76 | US |
| 136 | Ford Gra  | 14.5 | 8 | 351 | 152 | 4215 | 12.8 | 76 | US |
| 137 | Plymouth  | 22   | 6 | 225 | 100 | 3233 | 15.4 | 76 | US |
| 138 | Chevrolet | 22   | 6 | 250 | 105 | 3353 | 14.5 | 76 | US |

|     | A          | B    | C | D   | E   | F    | G    | H  | I  |
|-----|------------|------|---|-----|-----|------|------|----|----|
| 139 | Ford Mav   | 24   | 6 | 200 | 81  | 3012 | 17.6 | 76 | US |
| 140 | AMC Hon    | 22.5 | 6 | 232 | 90  | 3085 | 17.6 | 76 | US |
| 141 | Chevrole   | 29   | 4 | 85  | 52  | 2035 | 22.2 | 76 | US |
| 142 | Chevrole   | 24.5 | 4 | 98  | 60  | 2164 | 22.1 | 76 | US |
| 143 | Dodge A    | 20   | 6 | 225 | 100 | 3651 | 17.7 | 76 | US |
| 144 | Ford Gre   | 18   | 6 | 250 | 78  | 3574 | 21   | 76 | US |
| 145 | Pontiac V  | 18.5 | 6 | 250 | 110 | 3645 | 16.2 | 76 | US |
| 146 | AMC Pac    | 17.5 | 6 | 258 | 95  | 3193 | 17.8 | 76 | US |
| 147 | Ford Pint  | 26.5 | 4 | 140 | 72  | 2565 | 13.6 | 76 | US |
| 148 | Plymouth   | 13   | 8 | 318 | 150 | 3940 | 13.2 | 76 | US |
| 149 | Cadillac S | 16.5 | 8 | 350 | 180 | 4380 | 12.1 | 76 | US |
| 150 | Chevrole   | 13   | 8 | 350 | 145 | 4055 | 12   | 76 | US |
| 151 | Ford F100  | 13   | 8 | 302 | 130 | 3870 | 15   | 76 | US |
| 152 | Dodge D    | 13   | 8 | 318 | 150 | 3755 | 14   | 76 | US |
| 153 | Buick Op   | 30   | 4 | 111 | 80  | 2155 | 14.8 | 77 | US |
| 154 | Plymouth   | 25.5 | 4 | 122 | 96  | 2300 | 15.5 | 77 | US |
| 155 | Chevrole   | 17.5 | 8 | 305 | 145 | 3880 | 12.5 | 77 | US |
| 156 | Oldsmob    | 17   | 8 | 260 | 110 | 4060 | 19   | 77 | US |
| 157 | Dodge M    | 15.5 | 8 | 318 | 145 | 4140 | 13.7 | 77 | US |
| 158 | Mercury C  | 15   | 8 | 302 | 130 | 4295 | 14.9 | 77 | US |
| 159 | Chevrole   | 17.5 | 6 | 250 | 110 | 3520 | 16.4 | 77 | US |
| 160 | Buick Sky  | 20.5 | 6 | 231 | 105 | 3425 | 16.9 | 77 | US |
| 161 | Plymouth   | 19   | 6 | 225 | 100 | 3630 | 17.7 | 77 | US |
| 162 | Ford Gre   | 18.5 | 6 | 250 | 98  | 3525 | 19   | 77 | US |
| 163 | Pontiac C  | 16   | 8 | 400 | 180 | 4220 | 11.1 | 77 | US |
| 164 | Chevrole   | 15.5 | 8 | 350 | 170 | 4165 | 11.4 | 77 | US |
| 165 | Chrysler C | 15.5 | 8 | 400 | 190 | 4325 | 12.2 | 77 | US |
| 166 | Ford Thu   | 16   | 8 | 351 | 149 | 4335 | 14.5 | 77 | US |
| 167 | Pontiac S  | 24.5 | 4 | 151 | 88  | 2740 | 16   | 77 | US |
| 168 | Ford Mus   | 25.5 | 4 | 140 | 89  | 2755 | 15.8 | 77 | US |
| 169 | Chevrole   | 30.5 | 4 | 98  | 63  | 2051 | 17   | 77 | US |
| 170 | Dodge C    | 33.5 | 4 | 98  | 83  | 2075 | 15.9 | 77 | US |
| 171 | Ford Fies  | 36.1 | 4 | 98  | 66  | 1800 | 14.4 | 78 | US |
| 172 | Oldsmob    | 19.9 | 8 | 260 | 110 | 3365 | 15.5 | 78 | US |
| 173 | Dodge Di   | 19.4 | 8 | 318 | 140 | 3735 | 13.2 | 78 | US |
| 174 | Mercury F  | 20.2 | 8 | 302 | 139 | 3570 | 12.8 | 78 | US |
| 175 | Pontiac F  | 19.2 | 6 | 231 | 105 | 3535 | 19.2 | 78 | US |
| 176 | Chevrole   | 20.5 | 6 | 200 | 95  | 3155 | 18.2 | 78 | US |
| 177 | Ford Fair  | 20.2 | 6 | 200 | 85  | 2965 | 15.8 | 78 | US |
| 178 | Ford Fair  | 25.1 | 4 | 140 | 88  | 2720 | 15.4 | 78 | US |
| 179 | Plymouth   | 20.5 | 6 | 225 | 100 | 3430 | 17.2 | 78 | US |
| 180 | AMC Cor    | 19.4 | 6 | 232 | 90  | 3210 | 17.2 | 78 | US |
| 181 | Buick Ce   | 20.6 | 6 | 231 | 105 | 3380 | 15.8 | 78 | US |
| 182 | Mercury C  | 20.8 | 6 | 200 | 85  | 3070 | 16.7 | 78 | US |
| 183 | Dodge A    | 18.6 | 6 | 225 | 110 | 3620 | 18.7 | 78 | US |
| 184 | AMC Cor    | 18.1 | 6 | 258 | 120 | 3410 | 15.1 | 78 | US |

|     | A          | B    | C | D   | E   | F    | G    | H  | I  |
|-----|------------|------|---|-----|-----|------|------|----|----|
| 185 | Chevrolet  | 19.2 | 8 | 305 | 145 | 3425 | 13.2 | 78 | US |
| 186 | Buick Re   | 17.7 | 6 | 231 | 165 | 3445 | 13.4 | 78 | US |
| 187 | Ford Futu  | 18.1 | 8 | 302 | 139 | 3205 | 11.2 | 78 | US |
| 188 | Dodge M    | 17.5 | 8 | 318 | 140 | 4080 | 13.7 | 78 | US |
| 189 | Chevrolet  | 30   | 4 | 98  | 68  | 2155 | 16.5 | 78 | US |
| 190 | Dodge D    | 30.9 | 4 | 105 | 75  | 2230 | 14.5 | 78 | US |
| 191 | Plymouth   | 23.2 | 4 | 156 | 105 | 2745 | 16.7 | 78 | US |
| 192 | Oldsmob    | 23.8 | 4 | 151 | 85  | 2855 | 17.6 | 78 | US |
| 193 | Pontiac L  | 21.5 | 6 | 231 | 115 | 3245 | 15.4 | 79 | US |
| 194 | Mercury Z  | 19.8 | 6 | 200 | 85  | 2990 | 18.2 | 79 | US |
| 195 | Ford Fair  | 22.3 | 4 | 140 | 88  | 2890 | 17.3 | 79 | US |
| 196 | AMC Cor    | 20.2 | 6 | 232 | 90  | 3265 | 18.2 | 79 | US |
| 197 | Dodge A    | 20.6 | 6 | 225 | 110 | 3360 | 16.6 | 79 | US |
| 198 | Chevrolet  | 17   | 8 | 305 | 130 | 3840 | 15.4 | 79 | US |
| 199 | Ford LTD   | 17.6 | 8 | 302 | 129 | 3725 | 13.4 | 79 | US |
| 200 | Mercury C  | 16.5 | 8 | 351 | 138 | 3955 | 13.2 | 79 | US |
| 201 | Dodge Str  | 18.2 | 8 | 318 | 135 | 3830 | 15.2 | 79 | US |
| 202 | Buick Est  | 16.9 | 8 | 350 | 155 | 4360 | 14.9 | 79 | US |
| 203 | Ford Cou   | 15.5 | 8 | 351 | 142 | 4054 | 14.3 | 79 | US |
| 204 | Chevrolet  | 19.2 | 8 | 267 | 125 | 3605 | 15   | 79 | US |
| 205 | Chrysler L | 18.5 | 8 | 360 | 150 | 3940 | 13   | 79 | US |
| 206 | Dodge C    | 35.7 | 4 | 98  | 80  | 1915 | 14.4 | 79 | US |
| 207 | AMC Spir   | 27.4 | 4 | 121 | 80  | 2670 | 15   | 79 | US |
| 208 | Cadillac E | 23   | 8 | 350 | 125 | 3900 | 17.4 | 79 | US |
| 209 | Oldsmob    | 23.9 | 8 | 260 | 90  | 3420 | 22.2 | 79 | US |
| 210 | Plymouth   | 34.2 | 4 | 105 | 70  | 2200 | 13.2 | 79 | US |
| 211 | Plymouth   | 34.5 | 4 | 105 | 70  | 2150 | 14.9 | 79 | US |
| 212 | Buick Sky  | 28.4 | 4 | 151 | 90  | 2670 | 16   | 79 | US |
| 213 | Chevrolet  | 28.8 | 6 | 173 | 115 | 2595 | 11.3 | 79 | US |
| 214 | Oldsmob    | 26.8 | 6 | 173 | 115 | 2700 | 12.9 | 79 | US |
| 215 | Pontiac F  | 33.5 | 4 | 151 | 90  | 2556 | 13.2 | 79 | US |
| 216 | Chevrolet  | 32.1 | 4 | 98  | 70  | 2120 | 15.5 | 80 | US |
| 217 | Chevrolet  | 28   | 4 | 151 | 90  | 2678 | 16.5 | 80 | US |
| 218 | Ford Fair  | 26.4 | 4 | 140 | 88  | 2870 | 18.1 | 80 | US |
| 219 | AMC Cor    | 24.3 | 4 | 151 | 90  | 3003 | 20.1 | 80 | US |
| 220 | Dodge A    | 19.1 | 6 | 225 | 90  | 3381 | 18.7 | 80 | US |
| 221 | Dodge C    | 27.9 | 4 | 156 | 105 | 2800 | 14.4 | 80 | US |
| 222 | Ford Mus   | 23.6 | 4 | 140 | 0   | 2905 | 14.3 | 80 | US |
| 223 | Plymouth   | 27.2 | 4 | 135 | 84  | 2490 | 15.7 | 81 | US |
| 224 | Buick Sky  | 26.6 | 4 | 151 | 84  | 2635 | 16.4 | 81 | US |
| 225 | Dodge A    | 25.8 | 4 | 156 | 92  | 2620 | 14.4 | 81 | US |
| 226 | Chevrolet  | 23.5 | 6 | 173 | 110 | 2725 | 12.6 | 81 | US |
| 227 | Plymouth   | 30   | 4 | 135 | 84  | 2385 | 12.9 | 81 | US |
| 228 | Plymouth   | 39   | 4 | 86  | 64  | 1875 | 16.4 | 81 | US |
| 229 | Plymouth   | 34.7 | 4 | 105 | 63  | 2215 | 14.9 | 81 | US |
| 230 | Ford Esc   | 34.4 | 4 | 98  | 65  | 2045 | 16.2 | 81 | US |

|     | A          | B    | C | D   | E   | F    | G    | H  | I  |
|-----|------------|------|---|-----|-----|------|------|----|----|
| 231 | Ford Escor | 29.9 | 4 | 98  | 65  | 2380 | 20.7 | 81 | US |
| 232 | Buick Ce   | 22.4 | 6 | 231 | 110 | 3415 | 15.8 | 81 | US |
| 233 | Oldsmob    | 26.6 | 8 | 350 | 105 | 3725 | 19   | 81 | US |
| 234 | Ford Gre   | 20.2 | 6 | 200 | 88  | 3060 | 17.1 | 81 | US |
| 235 | Chrysler L | 17.6 | 6 | 225 | 85  | 3465 | 16.6 | 81 | US |
| 236 | Chevrole   | 28   | 4 | 112 | 88  | 2605 | 19.6 | 82 | US |
| 237 | Chevrole   | 27   | 4 | 112 | 88  | 2640 | 18.6 | 82 | US |
| 238 | Chevrole   | 34   | 4 | 112 | 88  | 2395 | 18   | 82 | US |
| 239 | Pontiac V  | 31   | 4 | 112 | 85  | 2575 | 16.2 | 82 | US |
| 240 | Dodge Ar   | 29   | 4 | 135 | 84  | 2525 | 16   | 82 | US |
| 241 | Pontiac F  | 27   | 4 | 151 | 90  | 2735 | 18   | 82 | US |
| 242 | Ford Fair  | 24   | 4 | 140 | 92  | 2865 | 16.4 | 82 | US |
| 243 | AMC Cor    | 23   | 4 | 151 | 0   | 3035 | 20.5 | 82 | US |
| 244 | Plymouth   | 38   | 4 | 105 | 63  | 2125 | 14.7 | 82 | US |
| 245 | Mercury L  | 36   | 4 | 98  | 70  | 2125 | 17.3 | 82 | US |
| 246 | Buick Ce   | 25   | 6 | 181 | 110 | 2945 | 16.4 | 82 | US |
| 247 | Oldsmob    | 38   | 6 | 262 | 85  | 3015 | 17   | 82 | US |
| 248 | Chrysler L | 26   | 4 | 156 | 92  | 2585 | 14.5 | 82 | US |
| 249 | Ford Gre   | 22   | 6 | 232 | 112 | 2835 | 14.7 | 82 | US |
| 250 | Dodge Cl   | 36   | 4 | 135 | 84  | 2370 | 13   | 82 | US |
| 251 | Chevrole   | 27   | 4 | 151 | 90  | 2950 | 17.3 | 82 | US |
| 252 | Ford Mus   | 27   | 4 | 140 | 86  | 2790 | 15.6 | 82 | US |
| 253 | Dodge R.   | 32   | 4 | 135 | 84  | 2295 | 11.6 | 82 | US |
| 254 | Ford Ran   | 28   | 4 | 120 | 79  | 2625 | 18.6 | 82 | US |
| 255 | Chevy S-   | 31   | 4 | 119 | 82  | 2720 | 19.4 | 82 | US |