



```

name: <unnamed>
log: C:\Users\NXDin\GitHub\STRIDES-Codes\A-Way-Out\DataProcess\DinhNguyen\DATA
> TEMP\data_usa_demo.scml
log type: smcl
opened on: 22 Jun 2021, 15:37:51

```

```

1 . sysuse auto
   (1978 Automobile Data)

```

```

2 . codebook

```

make	Make and Model
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```

type: string (str18), but longest is str17
unique values: 74 missing "": 0/74
examples: "Cad. Deville"
           "Dodge Magnum"
           "Merc. XR-7"
           "Pont. Catalina"
warning: variable has embedded blanks

```

price	Price
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```

type: numeric (int)
range: [3291,15906] units: 1
unique values: 74 missing .: 0/74
mean: 6165.26
std. dev: 2949.5
percentiles: 10% 25% 50% 75% 90%
              3895 4195 5006.5 6342 11385

```

mpg	Mileage (mpg)
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```

type: numeric (int)
range: [12,41] units: 1
unique values: 21 missing .: 0/74
mean: 21.2973
std. dev: 5.7855
percentiles: 10% 25% 50% 75% 90%
              14 18 20 25 29

```

rep78	Repair Record 1978
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```

type: numeric (int)
range: [1,5] units: 1
unique values: 5 missing .: 5/74

```

```

tabulation:  Freq.  Value
              2      1
              8      2
             30      3
             18      4
             11      5
              5      .

```

headroom	Headroom (in.)
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```

type:  numeric (float)
range: [1.5,5]
unique values: 8
units: .1
missing .: 0/74

```

```

tabulation:  Freq.  Value
              4      1.5
             13      2
             14      2.5
             13      3
             15      3.5
             10      4
              4      4.5
              1      5

```

trunk	Trunk space (cu. ft.)
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```

type:  numeric (int)
range: [5,23]
unique values: 18
units: 1
missing .: 0/74
mean: 13.7568
std. dev: 4.2774
percentiles: 10% 25% 50% 75% 90%
              8   10   14   17   20

```

weight	Weight (lbs.)
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```

type:  numeric (int)
range: [1760,4840]
unique values: 64
units: 10
missing .: 0/74
mean: 3019.46
std. dev: 777.194
percentiles: 10% 25% 50% 75% 90%
              2020 2240 3190 3600 4060

```

length	Length (in.)
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```

type:  numeric (int)
range: [142,233]
unique values: 47
units: 1
missing .: 0/74
mean: 187.932
std. dev: 22.2663
percentiles: 10% 25% 50% 75% 90%
              157 170 192.5 204 218

```

turn	Turn Circle (ft.)				
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```

      type: numeric (int)
      range: [31,51]
unique values: 18
      units: 1
      missing.: 0/74

      mean: 39.6486
      std. dev: 4.39935

      percentiles:      10%      25%      50%      75%      90%
                        34       36       40       43       45

```

displacement	Displacement (cu. in.)				
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```

      type: numeric (int)
      range: [79,425]
unique values: 31
      units: 1
      missing.: 0/74

      mean: 197.297
      std. dev: 91.8372

      percentiles:      10%      25%      50%      75%      90%
                        97      119      196      250      350

```

gear_ratio	Gear Ratio				
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```

      type: numeric (float)
      range: [2.19,3.89]
unique values: 36
      units: .01
      missing.: 0/74

      mean: 3.01486
      std. dev: .456287

      percentiles:      10%      25%      50%      75%      90%
                        2.43      2.73      2.955      3.37      3.72

```

foreign	Car type		
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```

      type: numeric (byte)
      label: origin
      range: [0,1]
unique values: 2
      units: 1
      missing.: 0/74

      tabulation:  Freq.  Numeric  Label
                   52      0  Domestic
                   22      1  Foreign

```

```

3 . log close
   name: <unnamed>
   log: C:\Users\NXDin\GitHub\STRIDES-Codes\A-Way-Out\DataProcess\DinhNguyen\DATA
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