

# MT CARS

analysis

## CYLINDERS AND GEARS

- in the analysed sample there are cars with 4, 6 or 8 cylinders and 3, 4 or 5 gears
- there is an association between those characteristics
- majority of cars with 3 gears has 8 cylinders
- majority of cars with 4 gears has 4 cylinders, sometimes 6
- for cars with 5 gears number of cylinders varies
- it is not typical to produce cars with 4 gears and 8 cylinders - it could be considered as potential thread (avoid this solution as it does not work) or an opportunity (a niche in the market)





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analysis

## CYLINDERS AND CARBURETORS

- in the analysed sample there are cars with 4, 6 or 8 cylinders and 1,2,3,4,6 or 8 carburetors
- there is an association between those characteristics
- it is possible to distinguish 2 groups of cars: cars with 4 cylinders and 1-2 carburetors and cars with 6-8 cylinders and 4-6-8 carburetors
- it is not typical to produce cars with 4 cylinders and more than 2 carburetors (thread or opportunity or maybe these two groups can be combined)
- it is also not very common to produce cars with 6 or 8 carburetors (probably due to costs, it is an option for top models)





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## GEAR AND MILEAGE (MILES/GALLON)

- in the analysed sample there are cars with 3, 4 or 5 gears and 3 categories of mileage: 1- below 20mpg, 2- 20-30 mpg and 3- over 30 mpg
- there is an association between those characteristics
- lowest mpg (highest gas consumption) is typical for cars with 3 gears
- highest mpg (lowest gas consumption) is associated with cars with 4 or 5 gears - these cars are probably the most popular due to low costs of gas



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## GEARS AND CARBURETORS

- in the analysed sample there are cars with 3, 4 or 5 gears and 1,2,3,4,6 or 8 carburetors
- there is no association between those characteristics

