## Instructions for Using the FindCarApp

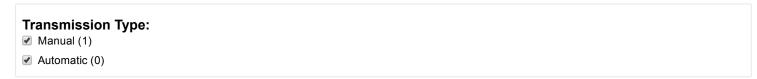
Nina

## **Database**

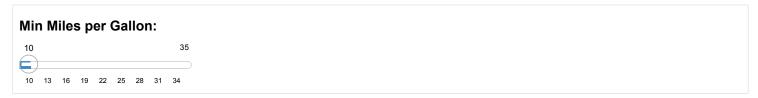
• The data was extracted from the 1974 Motor Trend US magazine, and comprises fuel consumption and 10 aspects of automobile design and performance for 32 automobiles (1973-74 models). For more details, see mtcars (https://stat.ethz.ch/R-manual/R-devel/library/datasets/html/mtcars.html)

## **Inputs**

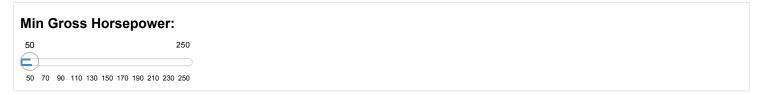
1. Use checkbox input to select transmission types: Manual, automatic or both.



2. Use the slider input to select the minimum miles per gallon you require.



#### 3. Use the slider input to select the minimum gross horsepower you require.



## **Outputs**

1. The average mpg of your selections

The App will calculate the average miles per gallon of the cars that you selected.

2. List of cars meet your requirements

The App will display all the cars meet your requirement in the datatable with other features, such as weight, gear, number of cylinders, etc.



Model	MPG	Cylinders	Displacement	Horsepower	Weight	Transmission	Gear	
Mazda RX4	21.0	6	160.0	110	2.620	1	4	
Mazda RX4 Wag	21.0	6	160.0	110	2.875	1	4	
Datsun 710	22.8	4	108.0	93	2.320	1	4	
Hornet 4 Drive	21.4	6	258.0	110	3.215	0	3	
Hornet Sportabout	18.7	8	360.0	175	3.440	0	3	
Valiant	18.1	6	225.0	105	3.460	0	3	
Duster 360	14.3	8	360.0	245	3.570	0	3	

Search:

Model	MPG	Cylinders	Displacement	Horsepower	Weight	Transmission	Gear
Pontiac Firebird	19.2	8	400.0	175	3.845	0	3
Camaro Z28	13.3	8	350.0	245	3.840	0	3
AMC Javelin	15.2	8	304.0	150	3.435	0	3
Dodge Challenger	15.5	8	318.0	150	3.520	0	3
Toyota Corona	21.5	4	120.1	97	2.465	0	3
Toyota Corolla	33.9	4	71.1	65	1.835	1	4
Honda Civic	30.4	4	75.7	52	1.615	1	4
Fiat 128	32.4	4	78.7	66	2.200	1	4
Chrysler Imperial	14.7	8	440.0	230	5.345	0	3
Lincoln Continental	10.4	8	460.0	215	5.424	0	3
Cadillac Fleetwood	10.4	8	472.0	205	5.250	0	3
Merc 450SLC	15.2	8	275.8	180	3.780	0	3
Merc 450SL	17.3	8	275.8	180	3.730	0	3
Merc 450SE	16.4	8	275.8	180	4.070	0	3
Merc 280C	17.8	6	167.6	123	3.440	0	4
Merc 280	19.2	6	167.6	123	3.440	0	4
Merc 230	22.8	4	140.8	95	3.150	0	4
Merc 240D	24.4	4	146.7	62	3.190	0	4

Showing 1 to 25 of 32 entries

•

Previous 1 2

Next