

Milestone 4

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1 Notes

I figured out how to do this using a document citing Xie (2020)

2 GT Table

Car Characteristics

The mileage, weight, and number of gears in 32 different types of cars

Name	MPG	Weight	Gears
Mazda RX4	21.0	2.620	4
Mazda RX4 Wag	21.0	2.875	4
Datsun 710	22.8	2.320	4
Hornet 4 Drive	21.4	3.215	3
Hornet Sportabout	18.7	3.440	3
Valiant	18.1	3.460	3
Duster 360	14.3	3.570	3
Merc 240D	24.4	3.190	4
Merc 230	22.8	3.150	4
Merc 280	19.2	3.440	4
Merc 280C	17.8	3.440	4
Merc 450SE	16.4	4.070	3
Merc 450SL	17.3	3.730	3
Merc 450SLC	15.2	3.780	3
Cadillac Fleetwood	10.4	5.250	3
Lincoln Continental	10.4	5.424	3
Chrysler Imperial	14.7	5.345	3
Fiat 128	32.4	2.200	4
Honda Civic	30.4	1.615	4

Toyota Corolla	33.9	1.835	4
Toyota Corona	21.5	2.465	3
Dodge Challenger	15.5	3.520	3
AMC Javelin	15.2	3.435	3
Camaro Z28	13.3	3.840	3
Pontiac Firebird	19.2	3.845	3
Fiat X1-9	27.3	1.935	4
Porsche 914-2	26.0	2.140	5
Lotus Europa	30.4	1.513	5
Ford Pantera L	15.8	3.170	5
Ferrari Dino	19.7	2.770	5
Maserati Bora	15.0	3.570	5
Volvo 142E	21.4	2.780	4

3 Regression Table

	<i>Dependent variable:</i>
	MPG
Weight	−5.344*** (0.559)
Constant	37.285*** (1.878)
Observations	32
R ²	0.753
Adjusted R ²	0.745
Residual Std. Error	3.046 (df = 30)
F Statistic	91.375*** (df = 1; 30)
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01

#Bibliography

Xie, Yihui. 2020. *Knitr: A General-Purpose Package for Dynamic Report Generation in R*. <https://CRAN.R-project.org/package=knitr>.