

Car Price Prediction

Engine Type

All

Cylinder Number

All

Fuel Type

diesel

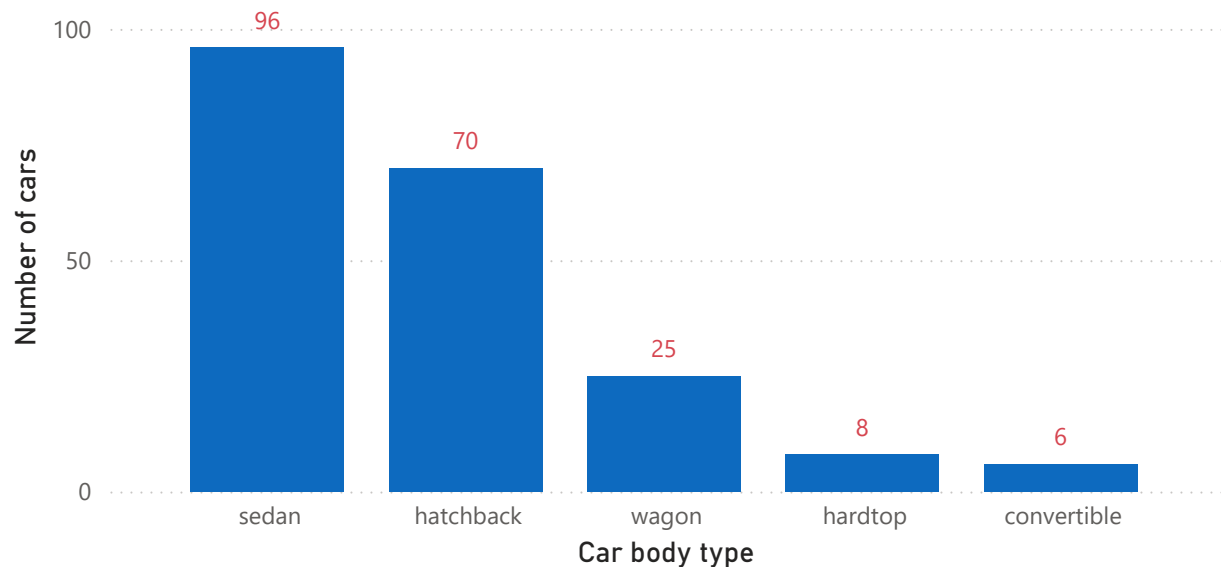
gas

Phase

Existing data

New unseen data

Number Of Cars by Carbody Type



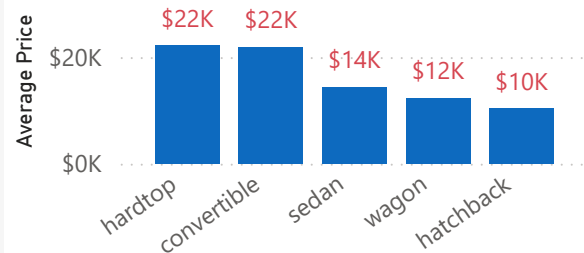
Average Price Per Car

\$13.28K

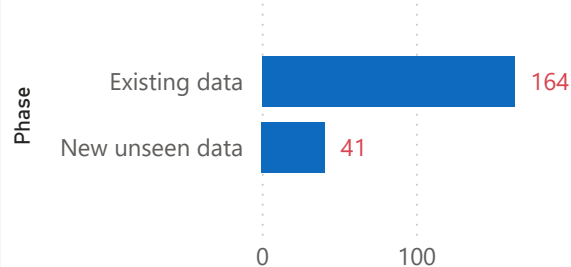
Number Of Cars

205

Average Car Price by Carbody Type



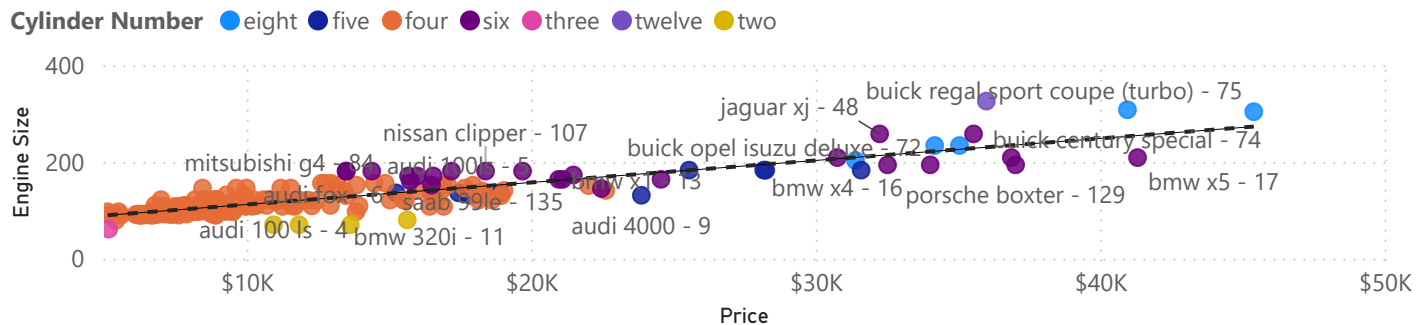
Number of Cars Per Phase



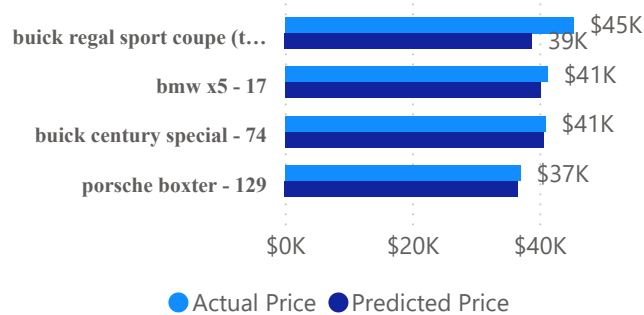
Best predictors of car prices

- Engine size
- Curb weight
- Horse power
- Car width
- Car height
- Wheelbase
- Car length
- Bore ratio

Price By Engine Size And cylinder Number



Actual Price Vs Predicted Price by Car Name



CarName	carbody	cylinder number	door number	drive wheel	engine location	fuel type	Sum of car height	Sum of car length	Sum of car width	Sum of wheelbase	Sum of horsepower	Sum of engine size	Sum of curb weight	Sum of price	Sum of Price Predictions	Phase
alfa-romero giulia - 1	convertible	four	two	rwd	front	gas	48.80	168.80	64.10	88.60	111	130	2548	\$13,495	14,030.63	Existing data
alfa-romero Quadrifoglio - 3	hatchback	six	two	rwd	front	gas	52.40	171.20	65.50	94.50	154	152	2823	\$16,500	16,644.13	New unseen data
alfa-romero stelvio - 2	convertible	four	two	rwd	front	gas	48.80	168.80	64.10	88.60	111	130	2548	\$16,500	15,868.21	Existing data
audi 100 ls - 4	sedan	four	four	fwd	front	gas	54.30	176.60	66.20	99.80	102	109	2337	\$13,950	13,923.22	Existing data
audi 100ls - 5	sedan	five	four	4wd	front	gas	54.30	176.60	66.40	99.40	115	136	2824	\$17,450	17,130.88	Existing data
audi 100ls - 7	sedan	five	four	fwd	front	gas	55.70	192.70	71.40	105.80	110	136	2844	\$17,710	18,787.89	Existing data
audi 4000 - 9	sedan	five	four	fwd	front	gas	55.90	192.70	71.40	105.80	140	131	3086	\$23,875	23,343.72	Existing data
audi 5000 - 8	wagon	five	four	fwd	front	gas	55.70	192.70	71.40	105.80	110	136	2954	\$18,920	18,758.87	Existing data
audi 5000s (diesel) - 10	hatchback	five	two	4wd	front	gas	52.00	178.20	67.90	99.50	160	131	3053	\$17,859.167	19,458.20	New unseen data
audi fox - 6	sedan	five	two	fwd	front	gas	53.10	177.30	66.30	99.80	110	136	2507	\$15,250	15,394.38	Existing data
bmw 320i - 11	sedan	four	two	rwd	front	gas	54.30	176.80	64.80	101.20	101	108	2395	\$16,430	16,198.63	Existing data
bmw 320i - 12	sedan	four	four	rwd	front	gas	54.30	176.80	64.80	101.20	101	108	2395	\$16,925	16,253.17	Existing data
bmw x1 - 13	sedan	six	two	rwd	front	gas	54.30	176.80	64.80	101.20	121	164	2710	\$20,970	21,748.90	New unseen data
bmw x3 - 14	sedan	six	four	rwd	front	gas	54.30	176.80	64.80	101.20	121	164	2765	\$21,105	21,690.68	Existing data
bmw x3 - 18	sedan	six	four	rwd	front	gas	56.30	197.00	70.90	110.00	182	209	3505	\$36,880	37,210.75	Existing data
bmw x4 - 16	sedan	six	four	rwd	front	gas	55.70	189.00	66.90	103.50	182	209	3230	\$30,760	31,630.38	Existing data
bmw x5 - 17	sedan	six	two	rwd	front	gas	53.70	193.80	67.90	103.50	182	209	3380	\$41,315	40,172.00	Existing data
bmw z4 - 15	sedan	six	four	rwd	front	gas	55.70	189.00	66.90	103.50	121	164	3055	\$24,565	23,357.92	Existing data
buick century - 70	hardtop	five	two	rwd	front	diesel	54.90	187.50	70.30	106.70	123	183	3495	\$28,176	28,137.10	Existing data
buick century luxus (sw) - 69	wagon	five	four	rwd	front	diesel	58.70	190.90	70.30	110.00	123	183	3750	\$28,248	28,083.60	Existing data
buick century special - 74	sedan	eight	four	rwd	front	gas	56.70	208.10	71.70	120.90	184	308	3900	\$40,960	40,662.09	Existing data
Total							11,013.60	35,680.10	13,511.10	20,245.10	21344	26016	523891	\$2,721,725.667	2,703,556.89	