

symboling	1
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aspiration		Values		
std				
carbody	Sum of carlength	Count of drivewheel	Count of doornumber	
hatchback	641.7	4	4	
Grand Total	641.7	4	4	

Total Sum of carlength	Total Count of drivewheel	Total Count of doornumber
641.7	4	4
641.7	4	4

car_ID	symboling	CarName	fueltype	aspiration	doornumber	carbody	drivewheel
1	3	alfa-romero	gas	std	two	convertible	rwd
2	3	alfa-romero	gas	std	two	convertible	rwd
3	1	alfa-romero	gas	std	two	hatchback	rwd
4	2	audi 100 ls	gas	std	four	sedan	fwd
5	2	audi 100ls	gas	std	four	sedan	4wd
6	2	audi fox	gas	std	two	sedan	fwd
7	1	audi 100ls	gas	std	four	sedan	fwd
8	1	audi 5000	gas	std	four	wagon	fwd
9	1	audi 4000	gas	turbo	four	sedan	fwd
10	0	audi 5000s (gas	turbo	two	hatchback	4wd
11	2	bmw 320i	gas	std	two	sedan	rwd
12	0	bmw 320i	gas	std	four	sedan	rwd
13	0	bmw x1	gas	std	two	sedan	rwd
14	0	bmw x3	gas	std	four	sedan	rwd
15	1	bmw z4	gas	std	four	sedan	rwd
16	0	bmw x4	gas	std	four	sedan	rwd
17	0	bmw x5	gas	std	two	sedan	rwd
18	0	bmw x3	gas	std	four	sedan	rwd
19	2	chevrolet im	gas	std	two	hatchback	fwd
20	1	chevrolet mc	gas	std	two	hatchback	fwd
21	0	chevrolet ve	gas	std	four	sedan	fwd
22	1	dodge ramp	gas	std	two	hatchback	fwd
23	1	dodge challe	gas	std	two	hatchback	fwd
24	1	dodge d200	gas	turbo	two	hatchback	fwd
25	1	dodge mona	gas	std	four	hatchback	fwd
26	1	dodge colt h	gas	std	four	sedan	fwd
27	1	dodge colt (s	gas	std	four	sedan	fwd
28	1	dodge coron	gas	turbo	two	sedan	fwd
29	-1	dodge dart c	gas	std	four	wagon	fwd
30	3	dodge coron	gas	turbo	two	hatchback	fwd
31	2	honda civic	gas	std	two	hatchback	fwd
32	2	honda civic c	gas	std	two	hatchback	fwd
33	1	honda civic	gas	std	two	hatchback	fwd
34	1	honda accor	gas	std	two	hatchback	fwd
35	1	honda civic c	gas	std	two	hatchback	fwd
36	0	honda accor	gas	std	four	sedan	fwd
37	0	honda civic 1	gas	std	four	wagon	fwd
38	0	honda accor	gas	std	two	hatchback	fwd
39	0	honda civic 1	gas	std	two	hatchback	fwd
40	0	honda prelu	gas	std	four	sedan	fwd
41	0	honda accor	gas	std	four	sedan	fwd
42	0	honda civic	gas	std	four	sedan	fwd
43	1	honda civic (gas	std	two	sedan	fwd

44	0 isuzu MU-X	gas	std	four	sedan	rwd
45	1 isuzu D-Max	gas	std	two	sedan	fwd
46	0 isuzu D-Max	gas	std	four	sedan	fwd
47	2 isuzu D-Max	gas	std	two	hatchback	rwd
48	0 jaguar xj	gas	std	four	sedan	rwd
49	0 jaguar xf	gas	std	four	sedan	rwd
50	0 jaguar xk	gas	std	two	sedan	rwd
51	1 maxda rx3	gas	std	two	hatchback	fwd
52	1 maxda glc	degas	std	two	hatchback	fwd
53	1 mazda rx2	cgas	std	two	hatchback	fwd
54	1 mazda rx-4	gas	std	four	sedan	fwd
55	1 mazda glc	degas	std	four	sedan	fwd
56	3 mazda 626	gas	std	two	hatchback	rwd
57	3 mazda glc	gas	std	two	hatchback	rwd
58	3 mazda rx-7	ggas	std	two	hatchback	rwd
59	3 mazda glc 4	gas	std	two	hatchback	rwd
60	1 mazda 626	gas	std	two	hatchback	fwd
61	0 mazda glc	cugas	std	four	sedan	fwd
62	1 mazda glc	cugas	std	two	hatchback	fwd
63	0 mazda rx-4	gas	std	four	sedan	fwd
64	0 mazda glc	dediesel	std	four	sedan	fwd
65	0 mazda 626	gas	std	four	hatchback	fwd
66	0 mazda glc	gas	std	four	sedan	rwd
67	0 mazda rx-7	gdiesel	std	four	sedan	rwd
68	-1 buick electra	diesel	turbo	four	sedan	rwd
69	-1 buick centur	diesel	turbo	four	wagon	rwd
70	0 buick centur	diesel	turbo	two	hardtop	rwd
71	-1 buick skyhav	diesel	turbo	four	sedan	rwd
72	-1 buick opel	isgas	std	four	sedan	rwd
73	3 buick skylark	gas	std	two	convertible	rwd
74	0 buick centur	gas	std	four	sedan	rwd
75	1 buick regal	s gas	std	two	hardtop	rwd
76	1 mercury cou	gas	turbo	two	hatchback	rwd
77	2 mitsubishi	mgas	std	two	hatchback	fwd
78	2 mitsubishi	la gas	std	two	hatchback	fwd
79	2 mitsubishi	o gas	std	two	hatchback	fwd
80	1 mitsubishi	g4 gas	turbo	two	hatchback	fwd
81	3 mitsubishi	mgas	turbo	two	hatchback	fwd
82	3 mitsubishi	g4 gas	std	two	hatchback	fwd
83	3 mitsubishi	o gas	turbo	two	hatchback	fwd
84	3 mitsubishi	g4 gas	turbo	two	hatchback	fwd
85	3 mitsubishi	mgas	turbo	two	hatchback	fwd
86	1 mitsubishi	mgas	std	four	sedan	fwd
87	1 mitsubishi	p gas	std	four	sedan	fwd

88	1 mitsubishi o gas	turbo	four	sedan	fwd
89	-1 mitsubishi m gas	std	four	sedan	fwd
90	1 Nissan versa gas	std	two	sedan	fwd
91	1 nissan gt-r diesel	std	two	sedan	fwd
92	1 nissan rogue gas	std	two	sedan	fwd
93	1 nissan latio gas	std	four	sedan	fwd
94	1 nissan titan gas	std	four	wagon	fwd
95	1 nissan leaf gas	std	two	sedan	fwd
96	1 nissan juke gas	std	two	hatchback	fwd
97	1 nissan latio gas	std	four	sedan	fwd
98	1 nissan note gas	std	four	wagon	fwd
99	2 nissan clippe gas	std	two	hardtop	fwd
100	0 nissan rogue gas	std	four	hatchback	fwd
101	0 nissan nv200 gas	std	four	sedan	fwd
102	0 nissan dayz gas	std	four	sedan	fwd
103	0 nissan fuga gas	std	four	wagon	fwd
104	0 nissan otti gas	std	four	sedan	fwd
105	3 nissan teana gas	std	two	hatchback	rwd
106	3 nissan kicks gas	turbo	two	hatchback	rwd
107	1 nissan clippe gas	std	two	hatchback	rwd
108	0 peugeot 504 gas	std	four	sedan	rwd
109	0 peugeot 304 diesel	turbo	four	sedan	rwd
110	0 peugeot 504 gas	std	four	wagon	rwd
111	0 peugeot 504 diesel	turbo	four	wagon	rwd
112	0 peugeot 504 gas	std	four	sedan	rwd
113	0 peugeot 604 diesel	turbo	four	sedan	rwd
114	0 peugeot 504 gas	std	four	wagon	rwd
115	0 peugeot 505 diesel	turbo	four	wagon	rwd
116	0 peugeot 504 gas	std	four	sedan	rwd
117	0 peugeot 504 diesel	turbo	four	sedan	rwd
118	0 peugeot 604 gas	turbo	four	sedan	rwd
119	1 plymouth fu gas	std	two	hatchback	fwd
120	1 plymouth cr gas	turbo	two	hatchback	fwd
121	1 plymouth fu gas	std	four	hatchback	fwd
122	1 plymouth sa gas	std	four	sedan	fwd
123	1 plymouth fu gas	std	four	sedan	fwd
124	-1 plymouth va gas	std	four	wagon	fwd
125	3 plymouth du gas	turbo	two	hatchback	rwd
126	3 porsche mac gas	std	two	hatchback	rwd
127	3 porcshce pa gas	std	two	hardtop	rwd
128	3 porsche cay gas	std	two	hardtop	rwd
129	3 porsche box gas	std	two	convertible	rwd
130	1 porsche cay gas	std	two	hatchback	rwd
131	0 renault 12tl gas	std	four	wagon	fwd

132	2 renault 5 gtl	gas	std	two	hatchback	fwd
133	3 saab 99e	gas	std	two	hatchback	fwd
134	2 saab 99le	gas	std	four	sedan	fwd
135	3 saab 99le	gas	std	two	hatchback	fwd
136	2 saab 99gle	gas	std	four	sedan	fwd
137	3 saab 99gle	gas	turbo	two	hatchback	fwd
138	2 saab 99e	gas	turbo	four	sedan	fwd
139	2 subaru	gas	std	two	hatchback	fwd
140	2 subaru dl	gas	std	two	hatchback	fwd
141	2 subaru dl	gas	std	two	hatchback	4wd
142	0 subaru	gas	std	four	sedan	fwd
143	0 subaru brz	gas	std	four	sedan	fwd
144	0 subaru baja	gas	std	four	sedan	fwd
145	0 subaru r1	gas	std	four	sedan	4wd
146	0 subaru r2	gas	turbo	four	sedan	4wd
147	0 subaru trezia	gas	std	four	wagon	fwd
148	0 subaru tribe	gas	std	four	wagon	fwd
149	0 subaru dl	gas	std	four	wagon	4wd
150	0 subaru dl	gas	turbo	four	wagon	4wd
151	1 toyota coror	gas	std	two	hatchback	fwd
152	1 toyota coror	gas	std	two	hatchback	fwd
153	1 toyota coroll	gas	std	four	hatchback	fwd
154	0 toyota coror	gas	std	four	wagon	fwd
155	0 toyota coroll	gas	std	four	wagon	4wd
156	0 toyota carin	gas	std	four	wagon	4wd
157	0 toyota mark	gas	std	four	sedan	fwd
158	0 toyota coroll	gas	std	four	hatchback	fwd
159	0 toyota coror	diesel	std	four	sedan	fwd
160	0 toyota coroll	diesel	std	four	hatchback	fwd
161	0 toyota coror	gas	std	four	sedan	fwd
162	0 toyota coroll	gas	std	four	hatchback	fwd
163	0 toyota mark	gas	std	four	sedan	fwd
164	1 toyota coroll	gas	std	two	sedan	rwd
165	1 toyota coror	gas	std	two	hatchback	rwd
166	1 toyota celica	gas	std	two	sedan	rwd
167	1 toyota coroll	gas	std	two	hatchback	rwd
168	2 toyota coror	gas	std	two	hardtop	rwd
169	2 toyota coroll	gas	std	two	hardtop	rwd
170	2 toyota starle	gas	std	two	hatchback	rwd
171	2 toyota tercel	gas	std	two	hardtop	rwd
172	2 toyota coroll	gas	std	two	hatchback	rwd
173	2 toyota cressig	gas	std	two	convertible	rwd
174	-1 toyota coroll	gas	std	four	sedan	fwd
175	-1 toyota celica	diesel	turbo	four	sedan	fwd

176	-1 toyota coror gas	std	four	hatchback	fwd
177	-1 toyota coroll gas	std	four	sedan	fwd
178	-1 toyota mark gas	std	four	hatchback	fwd
179	3 toyota coroll gas	std	two	hatchback	rwd
180	3 toyota coror gas	std	two	hatchback	rwd
181	-1 toyota starlegas	std	four	sedan	rwd
182	-1 toyouta terc gas	std	four	wagon	rwd
183	2 vokswagen r diesel	std	two	sedan	fwd
184	2 volkswagen :gas	std	two	sedan	fwd
185	2 volkswagen idiesel	std	four	sedan	fwd
186	2 volkswagen igas	std	four	sedan	fwd
187	2 volkswagen :gas	std	four	sedan	fwd
188	2 volkswagen :diesel	turbo	four	sedan	fwd
189	2 volkswagen igas	std	four	sedan	fwd
190	3 vw dasher gas	std	two	convertible	fwd
191	3 vw rabbit gas	std	two	hatchback	fwd
192	0 volkswagen igas	std	four	sedan	fwd
193	0 volkswagen idiesel	turbo	four	sedan	fwd
194	0 volkswagen igas	std	four	wagon	fwd
195	-2 volvo 145e (:gas	std	four	sedan	rwd
196	-1 volvo 144ea gas	std	four	wagon	rwd
197	-2 volvo 244dl gas	std	four	sedan	rwd
198	-1 volvo 245 gas	std	four	wagon	rwd
199	-2 volvo 264gl gas	turbo	four	sedan	rwd
200	-1 volvo diesel gas	turbo	four	wagon	rwd
201	-1 volvo 145e (:gas	std	four	sedan	rwd
202	-1 volvo 144ea gas	turbo	four	sedan	rwd
203	-1 volvo 244dl gas	std	four	sedan	rwd
204	-1 volvo 246 diesel	turbo	four	sedan	rwd
205	-1 volvo 264gl gas	turbo	four	sedan	rwd

engine	location	wheelbase	carlength	carwidth	carheight	curbweight	engine	cylinder
							type	number
front		88.6	168.8	64.1	48.8	2548	dohc	four
front		88.6	168.8	64.1	48.8	2548	dohc	four
front		94.5	171.2	65.5	52.4	2823	ohcv	six
front		99.8	176.6	66.2	54.3	2337	ohc	four
front		99.4	176.6	66.4	54.3	2824	ohc	five
front		99.8	177.3	66.3	53.1	2507	ohc	five
front		105.8	192.7	71.4	55.7	2844	ohc	five
front		105.8	192.7	71.4	55.7	2954	ohc	five
front		105.8	192.7	71.4	55.9	3086	ohc	five
front		99.5	178.2	67.9	52	3053	ohc	five
front		101.2	176.8	64.8	54.3	2395	ohc	four
front		101.2	176.8	64.8	54.3	2395	ohc	four
front		101.2	176.8	64.8	54.3	2710	ohc	six
front		101.2	176.8	64.8	54.3	2765	ohc	six
front		103.5	189	66.9	55.7	3055	ohc	six
front		103.5	189	66.9	55.7	3230	ohc	six
front		103.5	193.8	67.9	53.7	3380	ohc	six
front		110	197	70.9	56.3	3505	ohc	six
front		88.4	141.1	60.3	53.2	1488	l	three
front		94.5	155.9	63.6	52	1874	ohc	four
front		94.5	158.8	63.6	52	1909	ohc	four
front		93.7	157.3	63.8	50.8	1876	ohc	four
front		93.7	157.3	63.8	50.8	1876	ohc	four
front		93.7	157.3	63.8	50.8	2128	ohc	four
front		93.7	157.3	63.8	50.6	1967	ohc	four
front		93.7	157.3	63.8	50.6	1989	ohc	four
front		93.7	157.3	63.8	50.6	1989	ohc	four
front		93.7	157.3	63.8	50.6	2191	ohc	four
front		103.3	174.6	64.6	59.8	2535	ohc	four
front		95.9	173.2	66.3	50.2	2811	ohc	four
front		86.6	144.6	63.9	50.8	1713	ohc	four
front		86.6	144.6	63.9	50.8	1819	ohc	four
front		93.7	150	64	52.6	1837	ohc	four
front		93.7	150	64	52.6	1940	ohc	four
front		93.7	150	64	52.6	1956	ohc	four
front		96.5	163.4	64	54.5	2010	ohc	four
front		96.5	157.1	63.9	58.3	2024	ohc	four
front		96.5	167.5	65.2	53.3	2236	ohc	four
front		96.5	167.5	65.2	53.3	2289	ohc	four
front		96.5	175.4	65.2	54.1	2304	ohc	four
front		96.5	175.4	62.5	54.1	2372	ohc	four
front		96.5	175.4	65.2	54.1	2465	ohc	four
front		96.5	169.1	66	51	2293	ohc	four

front	94.3	170.7	61.8	53.5	2337 ohc	four
front	94.5	155.9	63.6	52	1874 ohc	four
front	94.5	155.9	63.6	52	1909 ohc	four
front	96	172.6	65.2	51.4	2734 ohc	four
front	113	199.6	69.6	52.8	4066 dohc	six
front	113	199.6	69.6	52.8	4066 dohc	six
front	102	191.7	70.6	47.8	3950 ohcv	twelve
front	93.1	159.1	64.2	54.1	1890 ohc	four
front	93.1	159.1	64.2	54.1	1900 ohc	four
front	93.1	159.1	64.2	54.1	1905 ohc	four
front	93.1	166.8	64.2	54.1	1945 ohc	four
front	93.1	166.8	64.2	54.1	1950 ohc	four
front	95.3	169	65.7	49.6	2380 rotor	two
front	95.3	169	65.7	49.6	2380 rotor	two
front	95.3	169	65.7	49.6	2385 rotor	two
front	95.3	169	65.7	49.6	2500 rotor	two
front	98.8	177.8	66.5	53.7	2385 ohc	four
front	98.8	177.8	66.5	55.5	2410 ohc	four
front	98.8	177.8	66.5	53.7	2385 ohc	four
front	98.8	177.8	66.5	55.5	2410 ohc	four
front	98.8	177.8	66.5	55.5	2443 ohc	four
front	98.8	177.8	66.5	55.5	2425 ohc	four
front	104.9	175	66.1	54.4	2670 ohc	four
front	104.9	175	66.1	54.4	2700 ohc	four
front	110	190.9	70.3	56.5	3515 ohc	five
front	110	190.9	70.3	58.7	3750 ohc	five
front	106.7	187.5	70.3	54.9	3495 ohc	five
front	115.6	202.6	71.7	56.3	3770 ohc	five
front	115.6	202.6	71.7	56.5	3740 ohcv	eight
front	96.6	180.3	70.5	50.8	3685 ohcv	eight
front	120.9	208.1	71.7	56.7	3900 ohcv	eight
front	112	199.2	72	55.4	3715 ohcv	eight
front	102.7	178.4	68	54.8	2910 ohc	four
front	93.7	157.3	64.4	50.8	1918 ohc	four
front	93.7	157.3	64.4	50.8	1944 ohc	four
front	93.7	157.3	64.4	50.8	2004 ohc	four
front	93	157.3	63.8	50.8	2145 ohc	four
front	96.3	173	65.4	49.4	2370 ohc	four
front	96.3	173	65.4	49.4	2328 ohc	four
front	95.9	173.2	66.3	50.2	2833 ohc	four
front	95.9	173.2	66.3	50.2	2921 ohc	four
front	95.9	173.2	66.3	50.2	2926 ohc	four
front	96.3	172.4	65.4	51.6	2365 ohc	four
front	96.3	172.4	65.4	51.6	2405 ohc	four

front	96.3	172.4	65.4	51.6	2403 ohc	four
front	96.3	172.4	65.4	51.6	2403 ohc	four
front	94.5	165.3	63.8	54.5	1889 ohc	four
front	94.5	165.3	63.8	54.5	2017 ohc	four
front	94.5	165.3	63.8	54.5	1918 ohc	four
front	94.5	165.3	63.8	54.5	1938 ohc	four
front	94.5	170.2	63.8	53.5	2024 ohc	four
front	94.5	165.3	63.8	54.5	1951 ohc	four
front	94.5	165.6	63.8	53.3	2028 ohc	four
front	94.5	165.3	63.8	54.5	1971 ohc	four
front	94.5	170.2	63.8	53.5	2037 ohc	four
front	95.1	162.4	63.8	53.3	2008 ohc	four
front	97.2	173.4	65.2	54.7	2324 ohc	four
front	97.2	173.4	65.2	54.7	2302 ohc	four
front	100.4	181.7	66.5	55.1	3095 ohcv	six
front	100.4	184.6	66.5	56.1	3296 ohcv	six
front	100.4	184.6	66.5	55.1	3060 ohcv	six
front	91.3	170.7	67.9	49.7	3071 ohcv	six
front	91.3	170.7	67.9	49.7	3139 ohcv	six
front	99.2	178.5	67.9	49.7	3139 ohcv	six
front	107.9	186.7	68.4	56.7	3020 l	four
front	107.9	186.7	68.4	56.7	3197 l	four
front	114.2	198.9	68.4	58.7	3230 l	four
front	114.2	198.9	68.4	58.7	3430 l	four
front	107.9	186.7	68.4	56.7	3075 l	four
front	107.9	186.7	68.4	56.7	3252 l	four
front	114.2	198.9	68.4	56.7	3285 l	four
front	114.2	198.9	68.4	58.7	3485 l	four
front	107.9	186.7	68.4	56.7	3075 l	four
front	107.9	186.7	68.4	56.7	3252 l	four
front	108	186.7	68.3	56	3130 l	four
front	93.7	157.3	63.8	50.8	1918 ohc	four
front	93.7	157.3	63.8	50.8	2128 ohc	four
front	93.7	157.3	63.8	50.6	1967 ohc	four
front	93.7	167.3	63.8	50.8	1989 ohc	four
front	93.7	167.3	63.8	50.8	2191 ohc	four
front	103.3	174.6	64.6	59.8	2535 ohc	four
front	95.9	173.2	66.3	50.2	2818 ohc	four
front	94.5	168.9	68.3	50.2	2778 ohc	four
rear	89.5	168.9	65	51.6	2756 ohcf	six
rear	89.5	168.9	65	51.6	2756 ohcf	six
rear	89.5	168.9	65	51.6	2800 ohcf	six
front	98.4	175.7	72.3	50.5	3366 dohcv	eight
front	96.1	181.5	66.5	55.2	2579 ohc	four

front	96.1	176.8	66.6	50.5	2460 ohc	four
front	99.1	186.6	66.5	56.1	2658 ohc	four
front	99.1	186.6	66.5	56.1	2695 ohc	four
front	99.1	186.6	66.5	56.1	2707 ohc	four
front	99.1	186.6	66.5	56.1	2758 ohc	four
front	99.1	186.6	66.5	56.1	2808 dohc	four
front	99.1	186.6	66.5	56.1	2847 dohc	four
front	93.7	156.9	63.4	53.7	2050 ohcf	four
front	93.7	157.9	63.6	53.7	2120 ohcf	four
front	93.3	157.3	63.8	55.7	2240 ohcf	four
front	97.2	172	65.4	52.5	2145 ohcf	four
front	97.2	172	65.4	52.5	2190 ohcf	four
front	97.2	172	65.4	52.5	2340 ohcf	four
front	97	172	65.4	54.3	2385 ohcf	four
front	97	172	65.4	54.3	2510 ohcf	four
front	97	173.5	65.4	53	2290 ohcf	four
front	97	173.5	65.4	53	2455 ohcf	four
front	96.9	173.6	65.4	54.9	2420 ohcf	four
front	96.9	173.6	65.4	54.9	2650 ohcf	four
front	95.7	158.7	63.6	54.5	1985 ohc	four
front	95.7	158.7	63.6	54.5	2040 ohc	four
front	95.7	158.7	63.6	54.5	2015 ohc	four
front	95.7	169.7	63.6	59.1	2280 ohc	four
front	95.7	169.7	63.6	59.1	2290 ohc	four
front	95.7	169.7	63.6	59.1	3110 ohc	four
front	95.7	166.3	64.4	53	2081 ohc	four
front	95.7	166.3	64.4	52.8	2109 ohc	four
front	95.7	166.3	64.4	53	2275 ohc	four
front	95.7	166.3	64.4	52.8	2275 ohc	four
front	95.7	166.3	64.4	53	2094 ohc	four
front	95.7	166.3	64.4	52.8	2122 ohc	four
front	95.7	166.3	64.4	52.8	2140 ohc	four
front	94.5	168.7	64	52.6	2169 ohc	four
front	94.5	168.7	64	52.6	2204 ohc	four
front	94.5	168.7	64	52.6	2265 dohc	four
front	94.5	168.7	64	52.6	2300 dohc	four
front	98.4	176.2	65.6	52	2540 ohc	four
front	98.4	176.2	65.6	52	2536 ohc	four
front	98.4	176.2	65.6	52	2551 ohc	four
front	98.4	176.2	65.6	52	2679 ohc	four
front	98.4	176.2	65.6	52	2714 ohc	four
front	98.4	176.2	65.6	53	2975 ohc	four
front	102.4	175.6	66.5	54.9	2326 ohc	four
front	102.4	175.6	66.5	54.9	2480 ohc	four

front	102.4	175.6	66.5	53.9	2414 ohc	four
front	102.4	175.6	66.5	54.9	2414 ohc	four
front	102.4	175.6	66.5	53.9	2458 ohc	four
front	102.9	183.5	67.7	52	2976 dohc	six
front	102.9	183.5	67.7	52	3016 dohc	six
front	104.5	187.8	66.5	54.1	3131 dohc	six
front	104.5	187.8	66.5	54.1	3151 dohc	six
front	97.3	171.7	65.5	55.7	2261 ohc	four
front	97.3	171.7	65.5	55.7	2209 ohc	four
front	97.3	171.7	65.5	55.7	2264 ohc	four
front	97.3	171.7	65.5	55.7	2212 ohc	four
front	97.3	171.7	65.5	55.7	2275 ohc	four
front	97.3	171.7	65.5	55.7	2319 ohc	four
front	97.3	171.7	65.5	55.7	2300 ohc	four
front	94.5	159.3	64.2	55.6	2254 ohc	four
front	94.5	165.7	64	51.4	2221 ohc	four
front	100.4	180.2	66.9	55.1	2661 ohc	five
front	100.4	180.2	66.9	55.1	2579 ohc	four
front	100.4	183.1	66.9	55.1	2563 ohc	four
front	104.3	188.8	67.2	56.2	2912 ohc	four
front	104.3	188.8	67.2	57.5	3034 ohc	four
front	104.3	188.8	67.2	56.2	2935 ohc	four
front	104.3	188.8	67.2	57.5	3042 ohc	four
front	104.3	188.8	67.2	56.2	3045 ohc	four
front	104.3	188.8	67.2	57.5	3157 ohc	four
front	109.1	188.8	68.9	55.5	2952 ohc	four
front	109.1	188.8	68.8	55.5	3049 ohc	four
front	109.1	188.8	68.9	55.5	3012 ohcv	six
front	109.1	188.8	68.9	55.5	3217 ohc	six
front	109.1	188.8	68.9	55.5	3062 ohc	four

engine	size	fuel system	bore	ratio	stroke	compression	horsepower	peak rpm	city mpg
130	mpfi		3.47		2.68	9	111	5000	21
130	mpfi		3.47		2.68	9	111	5000	21
152	mpfi		2.68		3.47	9	154	5000	19
109	mpfi		3.19		3.4	10	102	5500	24
136	mpfi		3.19		3.4	8	115	5500	18
136	mpfi		3.19		3.4	8.5	110	5500	19
136	mpfi		3.19		3.4	8.5	110	5500	19
136	mpfi		3.19		3.4	8.5	110	5500	19
131	mpfi		3.13		3.4	8.3	140	5500	17
131	mpfi		3.13		3.4	7	160	5500	16
108	mpfi		3.5		2.8	8.8	101	5800	23
108	mpfi		3.5		2.8	8.8	101	5800	23
164	mpfi		3.31		3.19	9	121	4250	21
164	mpfi		3.31		3.19	9	121	4250	21
164	mpfi		3.31		3.19	9	121	4250	20
209	mpfi		3.62		3.39	8	182	5400	16
209	mpfi		3.62		3.39	8	182	5400	16
209	mpfi		3.62		3.39	8	182	5400	15
61	2bbl		2.91		3.03	9.5	48	5100	47
90	2bbl		3.03		3.11	9.6	70	5400	38
90	2bbl		3.03		3.11	9.6	70	5400	38
90	2bbl		2.97		3.23	9.41	68	5500	37
90	2bbl		2.97		3.23	9.4	68	5500	31
98	mpfi		3.03		3.39	7.6	102	5500	24
90	2bbl		2.97		3.23	9.4	68	5500	31
90	2bbl		2.97		3.23	9.4	68	5500	31
90	2bbl		2.97		3.23	9.4	68	5500	31
98	mpfi		3.03		3.39	7.6	102	5500	24
122	2bbl		3.34		3.46	8.5	88	5000	24
156	mfi		3.6		3.9	7	145	5000	19
92	1bbl		2.91		3.41	9.6	58	4800	49
92	1bbl		2.91		3.41	9.2	76	6000	31
79	1bbl		2.91		3.07	10.1	60	5500	38
92	1bbl		2.91		3.41	9.2	76	6000	30
92	1bbl		2.91		3.41	9.2	76	6000	30
92	1bbl		2.91		3.41	9.2	76	6000	30
92	1bbl		2.92		3.41	9.2	76	6000	30
110	1bbl		3.15		3.58	9	86	5800	27
110	1bbl		3.15		3.58	9	86	5800	27
110	1bbl		3.15		3.58	9	86	5800	27
110	1bbl		3.15		3.58	9	86	5800	27
110	mpfi		3.15		3.58	9	101	5800	24
110	2bbl		3.15		3.58	9.1	100	5500	25

111 2bbl	3.31	3.23	8.5	78	4800	24
90 2bbl	3.03	3.11	9.6	70	5400	38
90 2bbl	3.03	3.11	9.6	70	5400	38
119 spfi	3.43	3.23	9.2	90	5000	24
258 mpfi	3.63	4.17	8.1	176	4750	15
258 mpfi	3.63	4.17	8.1	176	4750	15
326 mpfi	3.54	2.76	11.5	262	5000	13
91 2bbl	3.03	3.15	9	68	5000	30
91 2bbl	3.03	3.15	9	68	5000	31
91 2bbl	3.03	3.15	9	68	5000	31
91 2bbl	3.03	3.15	9	68	5000	31
91 2bbl	3.08	3.15	9	68	5000	31
70 4bbl	3.33	3.255	9.4	101	6000	17
70 4bbl	3.33	3.255	9.4	101	6000	17
70 4bbl	3.33	3.255	9.4	101	6000	17
80 mpfi	3.33	3.255	9.4	135	6000	16
122 2bbl	3.39	3.39	8.6	84	4800	26
122 2bbl	3.39	3.39	8.6	84	4800	26
122 2bbl	3.39	3.39	8.6	84	4800	26
122 2bbl	3.39	3.39	8.6	84	4800	26
122 idi	3.39	3.39	22.7	64	4650	36
122 2bbl	3.39	3.39	8.6	84	4800	26
140 mpfi	3.76	3.16	8	120	5000	19
134 idi	3.43	3.64	22	72	4200	31
183 idi	3.58	3.64	21.5	123	4350	22
183 idi	3.58	3.64	21.5	123	4350	22
183 idi	3.58	3.64	21.5	123	4350	22
183 idi	3.58	3.64	21.5	123	4350	22
234 mpfi	3.46	3.1	8.3	155	4750	16
234 mpfi	3.46	3.1	8.3	155	4750	16
308 mpfi	3.8	3.35	8	184	4500	14
304 mpfi	3.8	3.35	8	184	4500	14
140 mpfi	3.78	3.12	8	175	5000	19
92 2bbl	2.97	3.23	9.4	68	5500	37
92 2bbl	2.97	3.23	9.4	68	5500	31
92 2bbl	2.97	3.23	9.4	68	5500	31
98 spdi	3.03	3.39	7.6	102	5500	24
110 spdi	3.17	3.46	7.5	116	5500	23
122 2bbl	3.35	3.46	8.5	88	5000	25
156 spdi	3.58	3.86	7	145	5000	19
156 spdi	3.59	3.86	7	145	5000	19
156 spdi	3.59	3.86	7	145	5000	19
122 2bbl	3.35	3.46	8.5	88	5000	25
122 2bbl	3.35	3.46	8.5	88	5000	25

110 spdi	3.17	3.46	7.5	116	5500	23
110 spdi	3.17	3.46	7.5	116	5500	23
97 2bbl	3.15	3.29	9.4	69	5200	31
103 idi	2.99	3.47	21.9	55	4800	45
97 2bbl	3.15	3.29	9.4	69	5200	31
97 2bbl	3.15	3.29	9.4	69	5200	31
97 2bbl	3.15	3.29	9.4	69	5200	31
97 2bbl	3.15	3.29	9.4	69	5200	31
97 2bbl	3.15	3.29	9.4	69	5200	31
97 2bbl	3.15	3.29	9.4	69	5200	31
97 2bbl	3.15	3.29	9.4	69	5200	31
120 2bbl	3.33	3.47	8.5	97	5200	27
120 2bbl	3.33	3.47	8.5	97	5200	27
181 mpfi	3.43	3.27	9	152	5200	17
181 mpfi	3.43	3.27	9	152	5200	17
181 mpfi	3.43	3.27	9	152	5200	19
181 mpfi	3.43	3.27	9	160	5200	19
181 mpfi	3.43	3.27	7.8	200	5200	17
181 mpfi	3.43	3.27	9	160	5200	19
120 mpfi	3.46	3.19	8.4	97	5000	19
152 idi	3.7	3.52	21	95	4150	28
120 mpfi	3.46	3.19	8.4	97	5000	19
152 idi	3.7	3.52	21	95	4150	25
120 mpfi	3.46	2.19	8.4	95	5000	19
152 idi	3.7	3.52	21	95	4150	28
120 mpfi	3.46	2.19	8.4	95	5000	19
152 idi	3.7	3.52	21	95	4150	25
120 mpfi	3.46	3.19	8.4	97	5000	19
152 idi	3.7	3.52	21	95	4150	28
134 mpfi	3.61	3.21	7	142	5600	18
90 2bbl	2.97	3.23	9.4	68	5500	37
98 spdi	3.03	3.39	7.6	102	5500	24
90 2bbl	2.97	3.23	9.4	68	5500	31
90 2bbl	2.97	3.23	9.4	68	5500	31
98 2bbl	2.97	3.23	9.4	68	5500	31
122 2bbl	3.35	3.46	8.5	88	5000	24
156 spdi	3.59	3.86	7	145	5000	19
151 mpfi	3.94	3.11	9.5	143	5500	19
194 mpfi	3.74	2.9	9.5	207	5900	17
194 mpfi	3.74	2.9	9.5	207	5900	17
194 mpfi	3.74	2.9	9.5	207	5900	17
203 mpfi	3.94	3.11	10	288	5750	17
132 mpfi	3.46	3.9	8.7	90	5100	23

132 mpfi	3.46	3.9	8.7	90	5100	23
121 mpfi	3.54	3.07	9.31	110	5250	21
121 mpfi	3.54	3.07	9.3	110	5250	21
121 mpfi	2.54	2.07	9.3	110	5250	21
121 mpfi	3.54	3.07	9.3	110	5250	21
121 mpfi	3.54	3.07	9	160	5500	19
121 mpfi	3.54	3.07	9	160	5500	19
97 2bbl	3.62	2.36	9	69	4900	31
108 2bbl	3.62	2.64	8.7	73	4400	26
108 2bbl	3.62	2.64	8.7	73	4400	26
108 2bbl	3.62	2.64	9.5	82	4800	32
108 2bbl	3.62	2.64	9.5	82	4400	28
108 mpfi	3.62	2.64	9	94	5200	26
108 2bbl	3.62	2.64	9	82	4800	24
108 mpfi	3.62	2.64	7.7	111	4800	24
108 2bbl	3.62	2.64	9	82	4800	28
108 mpfi	3.62	2.64	9	94	5200	25
108 2bbl	3.62	2.64	9	82	4800	23
108 mpfi	3.62	2.64	7.7	111	4800	23
92 2bbl	3.05	3.03	9	62	4800	35
92 2bbl	3.05	3.03	9	62	4800	31
92 2bbl	3.05	3.03	9	62	4800	31
92 2bbl	3.05	3.03	9	62	4800	31
92 2bbl	3.05	3.03	9	62	4800	27
92 2bbl	3.05	3.03	9	62	4800	27
98 2bbl	3.19	3.03	9	70	4800	30
98 2bbl	3.19	3.03	9	70	4800	30
110 idi	3.27	3.35	22.5	56	4500	34
110 idi	3.27	3.35	22.5	56	4500	38
98 2bbl	3.19	3.03	9	70	4800	38
98 2bbl	3.19	3.03	9	70	4800	28
98 2bbl	3.19	3.03	9	70	4800	28
98 2bbl	3.19	3.03	9	70	4800	29
98 2bbl	3.19	3.03	9	70	4800	29
98 mpfi	3.24	3.08	9.4	112	6600	26
98 mpfi	3.24	3.08	9.4	112	6600	26
146 mpfi	3.62	3.5	9.3	116	4800	24
146 mpfi	3.62	3.5	9.3	116	4800	24
146 mpfi	3.62	3.5	9.3	116	4800	24
146 mpfi	3.62	3.5	9.3	116	4800	24
146 mpfi	3.62	3.5	9.3	116	4800	24
146 mpfi	3.62	3.5	9.3	116	4800	24
122 mpfi	3.31	3.54	8.7	92	4200	29
110 idi	3.27	3.35	22.5	73	4500	30

122 mpfi	3.31	3.54	8.7	92	4200	27
122 mpfi	3.31	3.54	8.7	92	4200	27
122 mpfi	3.31	3.54	8.7	92	4200	27
171 mpfi	3.27	3.35	9.3	161	5200	20
171 mpfi	3.27	3.35	9.3	161	5200	19
171 mpfi	3.27	3.35	9.2	156	5200	20
161 mpfi	3.27	3.35	9.2	156	5200	19
97 idi	3.01	3.4	23	52	4800	37
109 mpfi	3.19	3.4	9	85	5250	27
97 idi	3.01	3.4	23	52	4800	37
109 mpfi	3.19	3.4	9	85	5250	27
109 mpfi	3.19	3.4	9	85	5250	27
97 idi	3.01	3.4	23	68	4500	37
109 mpfi	3.19	3.4	10	100	5500	26
109 mpfi	3.19	3.4	8.5	90	5500	24
109 mpfi	3.19	3.4	8.5	90	5500	24
136 mpfi	3.19	3.4	8.5	110	5500	19
97 idi	3.01	3.4	23	68	4500	33
109 mpfi	3.19	3.4	9	88	5500	25
141 mpfi	3.78	3.15	9.5	114	5400	23
141 mpfi	3.78	3.15	9.5	114	5400	23
141 mpfi	3.78	3.15	9.5	114	5400	24
141 mpfi	3.78	3.15	9.5	114	5400	24
130 mpfi	3.62	3.15	7.5	162	5100	17
130 mpfi	3.62	3.15	7.5	162	5100	17
141 mpfi	3.78	3.15	9.5	114	5400	23
141 mpfi	3.78	3.15	8.7	160	5300	19
173 mpfi	3.58	2.87	8.8	134	5500	18
145 idi	3.01	3.4	23	106	4800	26
141 mpfi	3.78	3.15	9.5	114	5400	19

highwaympg price

27	13495
27	16500
26	16500
30	13950
22	17450
25	15250
25	17710
25	18920
20	23875
22	17859.167
29	16430
29	16925
28	20970
28	21105
25	24565
22	30760
22	41315
20	36880
53	5151
43	6295
43	6575
41	5572
38	6377
30	7957
38	6229
38	6692
38	7609
30	8558
30	8921
24	12964
54	6479
38	6855
42	5399
34	6529
34	7129
34	7295
34	7295
33	7895
33	9095
33	8845
33	10295
28	12945
31	10345

29	6785
43	8916.5
43	8916.5
29	11048
19	32250
19	35550
17	36000
31	5195
38	6095
38	6795
38	6695
38	7395
23	10945
23	11845
23	13645
23	15645
32	8845
32	8495
32	10595
32	10245
42	10795
32	11245
27	18280
39	18344
25	25552
25	28248
25	28176
25	31600
18	34184
18	35056
16	40960
16	45400
24	16503
41	5389
38	6189
38	6669
30	7689
30	9959
32	8499
24	12629
24	14869
24	14489
32	6989
32	8189

30	9279
30	9279
37	5499
50	7099
37	6649
37	6849
37	7349
37	7299
37	7799
37	7499
37	7999
37	8249
34	8949
34	9549
22	13499
22	14399
25	13499
25	17199
23	19699
25	18399
24	11900
33	13200
24	12440
25	13860
24	15580
33	16900
24	16695
25	17075
24	16630
33	17950
24	18150
41	5572
30	7957
38	6229
38	6692
38	7609
30	8921
24	12764
27	22018
25	32528
25	34028
25	37028
28	31400.5
31	9295

31	9895
28	11850
28	12170
28	15040
28	15510
26	18150
26	18620
36	5118
31	7053
31	7603
37	7126
33	7775
32	9960
25	9233
29	11259
32	7463
31	10198
29	8013
23	11694
39	5348
38	6338
38	6488
37	6918
32	7898
32	8778
37	6938
37	7198
36	7898
47	7788
47	7738
34	8358
34	9258
34	8058
34	8238
29	9298
29	9538
30	8449
30	9639
30	9989
30	11199
30	11549
30	17669
34	8948
33	10698

32	9988
32	10898
32	11248
24	16558
24	15998
24	15690
24	15750
46	7775
34	7975
46	7995
34	8195
34	8495
42	9495
32	9995
29	11595
29	9980
24	13295
38	13845
31	12290
28	12940
28	13415
28	15985
28	16515
22	18420
22	18950
28	16845
25	19045
23	21485
27	22470
25	22625

symboling	CarName	fueltype	aspiration	doornumber	carbody	drivewheel	engine	location	wheelbase
3	alfa-romeo	gas	std	two	convertible	rwd		front	88.6
3	alfa-romeo	gas	std	two	convertible	rwd		front	88.6
1	alfa-romeo	gas	std	two	hatchback	rwd		front	94.5
2	audi 100 ls	gas	std	four	sedan	fwd		front	99.8
2	audi 100ls	gas	std	four	sedan	4wd		front	99.4
2	audi fox	gas	std	two	sedan	fwd		front	99.8
1	audi 100ls	gas	std	four	sedan	fwd		front	105.8
1	audi 5000	gas	std	four	wagon	fwd		front	105.8
1	audi 4000	gas	turbo	four	sedan	fwd		front	105.8
0	audi 5000s	gas	turbo	two	hatchback	4wd		front	99.5
2	bmw 320i	gas	std	two	sedan	rwd		front	101.2
0	bmw 320i	gas	std	four	sedan	rwd		front	101.2
0	bmw x1	gas	std	two	sedan	rwd		front	101.2
0	bmw x3	gas	std	four	sedan	rwd		front	101.2
1	bmw z4	gas	std	four	sedan	rwd			103.5
0	bmw x4	gas	std	four	sedan	rwd		front	103.5
0	bmw x5	gas	std	two	sedan	rwd		front	103.5
0	bmw x3	gas	std	four	sedan	rwd		front	110

carlength	carwidth	carheight	curbweight	enginetype	cylinders	displacement	fuel	system	boreratio
168.8	64.1	48.8	2548	dohc	four	130	mpfi		3.47
168.8	64.1	48.8	2548	dohc	four	130	mpfi		3.47
171.2	65.5	52.4	2823	ohcv	six	152	mpfi		2.68
176.6	66.2	54.3	2337	ohc	four	109	mpfi		3.19
176.6	66.4	54.3	2824	ohc	five	136	mpfi		3.19
177.3	66.3	53.1	2507	ohc	five	136	mpfi		3.19
192.7	71.4	55.7	2844	ohc	five	136	mpfi		3.19
192.7	71.4	55.7	2954	ohc	five	136	mpfi		3.19
192.7	71.4	55.9	3086	ohc	five	131	mpfi		3.13
178.2	67.9	52	3053	ohc	five	131	mpfi		3.13
176.8	64.8	54.3	2395	ohc	four	108	mpfi		3.5
176.8	64.8	54.3	2395	ohc	four	108	mpfi		3.5
176.8	64.8	54.3	2710	ohc	six	164	mpfi		3.31
176.8	64.8	54.3	2765	ohc	six	164	mpfi		3.31
189	66.9	55.7	3055	ohc	six	164	mpfi		3.31
189	66.9	55.7	3230	ohc	six	209	mpfi		3.62
193.8	67.9	53.7	3380	ohc	six	209	mpfi		3.62
197	70.9	56.3	3505	ohc	six	209	mpfi		3.62

stroke	compressi	horsepowe	peakrpm	citympg	highwaympg
2.68	9	111	5000	21	27
2.68	9	111	5000	21	27
3.47	9	154	5000	19	26
3.4	10	102	5500	24	30
3.4	8	115	5500	18	22
3.4	8.5	110	5500	19	25
3.4	8.5	110	5500	19	25
3.4	8.5	110	5500	19	25
3.4	8.3	140	5500	17	20
3.4	7	160	5500	16	22
2.8	8.8	101	5800	23	29
2.8	8.8	101	5800	23	29
3.19	9	121	4250	21	28
3.19	9	121	4250	21	28
3.19	9	121	4250	20	25
3.39	8	182	5400	16	22
3.39	8	182	5400	16	22
3.39	8	182	5400	15	20

car_ID	symboling	CarName	fueltype	aspiration	doornumber	carbody
1		3 alfa-romero	gas	std	two	convertible
2		3 alfa-romero	gas	std	two	convertible
3		1 alfa-romero	gas	std	two	hatchback
4		2 audi 100 ls	gas	std	four	sedan
5		2 audi 100ls	gas	std	four	sedan
6		2 audi fox	gas	std	two	sedan
7		1 audi 100ls	gas	std	four	sedan
8		1 audi 5000	gas	std	four	wagon
9		1 audi 4000	gas	turbo	four	sedan
10		0 audi 5000s	gas	turbo	two	hatchback
11		2 bmw 320i	gas	std	two	sedan
12		0 bmw 320i	gas	std	four	sedan
13		0 bmw x1	gas	std	two	sedan
14		0 bmw x3	gas	std	four	sedan
15		1 bmw z4	gas	std	four	sedan
16		0 bmw x4	gas	std	four	sedan
17		0 bmw x5	gas	std	two	sedan
18		0 bmw x3	gas	std	four	sedan
19		2 chevrolet ir	gas	std	two	hatchback
20		1 chevrolet n	gas	std	two	hatchback
21		0 chevrolet v	gas	std	four	sedan

CarName
price #N/A

car_ID	1	2	3	4	5	6
symboling	3	3	1	2	2	2
CarName	alfa-romero giulia	alfa-romero	alfa-romero	audi 100 ls	audi 100ls	audi fox
fueltype	gas	gas	gas	gas	gas	gas
aspiration	std	std	std	std	std	std
doornumber	two	two	two	four	four	two
carbody	convertible	convertible	hatchback	sedan	sedan	sedan
drivewheel	rwd	rwd	rwd	fwd	4wd	fwd
engine location	front	front	front	front	front	front
wheelbase	88.6	88.6	94.5	99.8	99.4	99.8
carlength	168.8	168.8	171.2	176.6	176.6	177.3
carwidth	64.1	64.1	65.5	66.2	66.4	66.3

carheight		48.8	48.8	52.4	54.3	54.3	53.1
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car_ID		3
carbody	hatchback	

drivewheel	engine	location	wheelbase	carlength	carwidth	carheight	curbweight	engine	type	compression
rwd	front		88.6	168.8	64.1	48.8	2548	dohc		9
rwd	front		88.6	168.8	64.1	48.8	2548	dohc		9
rwd	front		94.5	171.2	65.5	52.4	2823	ohcv		9
fwd	front		99.8	176.6	66.2	54.3	2337	ohc		10
4wd	front		99.4	176.6	66.4	54.3	2824	ohc		8
fwd	front		99.8	177.3	66.3	53.1	2507	ohc		8.5
fwd	front		105.8	192.7	71.4	55.7	2844	ohc		8.5
fwd	front		105.8	192.7	71.4	55.7	2954	ohc		8.5
fwd	front		105.8	192.7	71.4	55.9	3086	ohc		8.3
4wd	front		99.5	178.2	67.9	52	3053	ohc		7
rwd	front		101.2	176.8	64.8	54.3	2395	ohc		8.8
rwd	front		101.2	176.8	64.8	54.3	2395	ohc		8.8
rwd	front		101.2	176.8	64.8	54.3	2710	ohc		9
rwd	front		101.2	176.8	64.8	54.3	2765	ohc		9
rwd	front		103.5	189	66.9	55.7	3055	ohc		9
rwd	front		103.5	189	66.9	55.7	3230	ohc		8
rwd	front		103.5	193.8	67.9	53.7	3380	ohc		8
rwd	front		110	197	70.9	56.3	3505	ohc		8
fwd	front		88.4	141.1	60.3	53.2	1488	l		9.5
fwd	front		94.5	155.9	63.6	52	1874	ohc		9.6
fwd	front		94.5	158.8	63.6	52	1909	ohc		9.6

	7	8	9	10
	1	1	1	0
audi 100ls	audi 5000	audi 4000	audi 5000s (diesel)	
gas	gas	gas	gas	
std	std	turbo	turbo	
four	four	four	two	
sedan	wagon	sedan	hatchback	
fwd	fwd	fwd	4wd	
front	front	front	front	
	105.8	105.8	105.8	99.5
	192.7	192.7	192.7	178.2
	71.4	71.4	71.4	67.9

55.7

55.7

55.9

52

horsepower	citympg	highwaympg	price
111	21	27	13495
111	21	27	16500
154	19	26	16500
102	24	30	13950
115	18	22	17450
110	19	25	15250
110	19	25	17710
110	19	25	18920
140	17	20	23875
160	16	22	17859.17
101	23	29	16430
101	23	29	16925
121	21	28	20970
121	21	28	21105
121	20	25	24565
182	16	22	30760
182	16	22	41315
182	15	20	36880
48	47	53	5151
70	38	43	6295
70	38	43	6575

symboling	CarName	fueltype	aspiration	doornumber	carbody	drivewheel	engine	location	wheelbase
3	alfa-romeo	gas	std	two	convertible	rwd		front	88.6
3	alfa-romeo	gas	std	two	convertible	rwd		front	88.6
1	alfa-romeo	gas	std	two	hatchback	rwd		front	94.5
2	audi 100 ls	gas	std	four	sedan	fwd		front	99.8
2	audi 100ls	gas	std	four	sedan	4wd		front	99.4
2	audi fox	gas	std	two	sedan	fwd		front	99.8
1	audi 100ls	gas	std	four	sedan	fwd		front	105.8
1	audi 5000	gas	std	four	wagon	fwd		front	105.8
1	audi 4000	gas	turbo	four	sedan	fwd		front	105.8
0	audi 5000s	gas	turbo	two	hatchback	4wd		front	99.5
2	bmw 320i	gas	std	two	sedan	rwd		front	101.2
0	bmw 320i	gas	std	four	sedan	rwd		front	101.2
0	bmw x1	gas	std	two	sedan	rwd		front	101.2
0	bmw x3	gas	std	four	sedan	rwd		front	101.2
1	bmw z4	gas	std	four	sedan	rwd		front	103.5
0	bmw x4	gas	std	four	sedan	rwd		front	103.5
0	bmw x5	gas	std	two	sedan	rwd		front	103.5
0	bmw x3	gas	std	four	sedan	rwd		front	110
2	chevrolet ir	gas	std	two	hatchback	fwd		front	88.4
1	chevrolet n	gas	std	two	hatchback	fwd		front	94.5
0	chevrolet v	gas	std	four	sedan	fwd		front	94.5

carlength	carwidth	carheight	curbweight	enginetype
168.8	64.1	48.8	2548	dohc
168.8	64.1	48.8	2548	dohc
171.2	65.5	52.4	2823	ohcv
176.6	66.2	54.3	2337	ohc
176.6	66.4	54.3	2824	ohc
177.3	66.3	53.1	2507	ohc
192.7	71.4	55.7	2844	ohc
192.7	71.4	55.7	2954	ohc
192.7	71.4	55.9	3086	ohc
178.2	67.9	52	3053	ohc
176.8	64.8	54.3	2395	ohc
176.8	64.8	54.3	2395	ohc
176.8	64.8	54.3	2710	ohc
176.8	64.8	54.3	2765	ohc
189	66.9	55.7	3055	ohc
189	66.9	55.7	3230	ohc
193.8	67.9	53.7	3380	ohc
197	70.9	56.3	3505	ohc
141.1	60.3	53.2	1488	l
155.9	63.6	52	1874	ohc
158.8	63.6	52	1909	ohc

symboling	CarName	
	3 alfa-romero giulia	
	3 alfa-romero stelvio	
	1 alfa-romero Quadrifoglio	
	2 audi 100 ls	
	2 audi 100ls	
	2 audi fox	
	1 audi 100ls	#N/A
	1 audi 5000	
	1 audi 4000	
	0 audi 5000s (diesel)	

Employee Id	First Name	Last Name	Department	Salary
1	John	Smith	Marketing	50000
2	Jane	Doe	HR	55000
3	Michael	Johnson	Sales	60000
4	Emily	Brown	Finance	65000
5	David	Williams	IT	70000
6	Sarah	Jones	Marketing	55000
7	James	Davis	HR	60000
8	Jennifer	Martinez	Sales	62000
9	Daniel	Taylor	Finance	67000
10	Jessica	Anderson	IT	72000
11	Matthew	Wilson	Marketing	53000
12	Amanda	Lee	HR	58000
13	Christopher	Rodriguez	Sales	61000
14	Ashley	Thomas	Finance	66000
15	Joshua	Hernandez	IT	73000
16	Melissa	Walker	Marketing	52000
17	Andrew	White	HR	59000
18	Kimberly	Garcia	Sales	63000
19	Richard	Martinez	Finance	68000
20	Lauren	Scott	IT	74000

Department (ALL)

First Name					
Salary	Amanda	Andrew	Ashley	Christopher	Daniel
50000					
52000					
53000					
55000					
58000					
59000					
60000					
61000					
62000					
63000					
65000					
66000					
67000					
68000					
70000					
72000					
73000					
74000					
(blank)					
Grand Total					

David	Emily	James	Jane	Jennifer	Jessica

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John	Joshua	Kimberly	Lauren	Matthew	Melissa

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Michael	Richard	Sarah	(blank)	Grand Total

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Employee Id	First Name	Last Name	Department	Salary
1	John	Smith	Marketing	50000
2	Jane	Doe	HR	55000
3	Michael	Johnson	Sales	60000
4	Emily	Brown	Finance	65000
5	David	Williams	IT	70000
6	Sarah	Jones	Marketing	55000
7	James	Davis	HR	60000
8	Jennifer	Martinez	Sales	62000
9	Daniel	Taylor	Finance	67000
10	Jessica	Anderson	IT	72000
11	Matthew	Wilson	Marketing	53000
12	Amanda	Lee	HR	58000
13	Christopher	Rodriguez	Sales	61000
14	Ashley	Thomas	Finance	66000
15	Joshua	Hernandez	IT	73000
16	Melissa	Walker	Marketing	52000
17	Andrew	White	HR	59000
18	Kimberly	Garcia	Sales	63000
19	Richard	Martinez	Finance	68000
20	Lauren	Scott	IT	74000

Michael
Davis