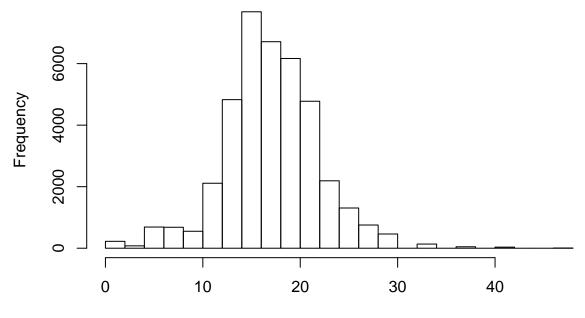
Basic Dataset Description

Megan Fantes October 24, 2016

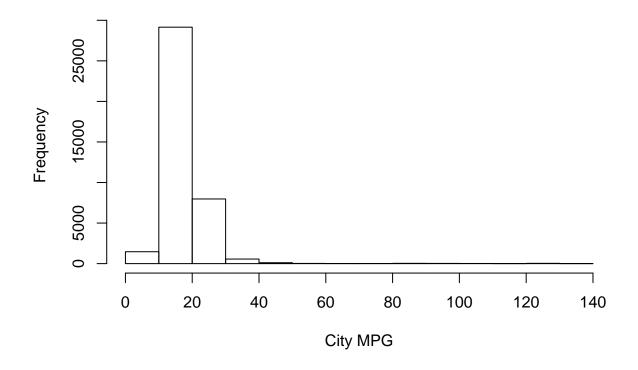
Distribution of Single-Fuel Vehicles vs. Dual-Fuel Vehicles

Num_Single_Fuel Num_Dual_Fuel
1 36595 1422

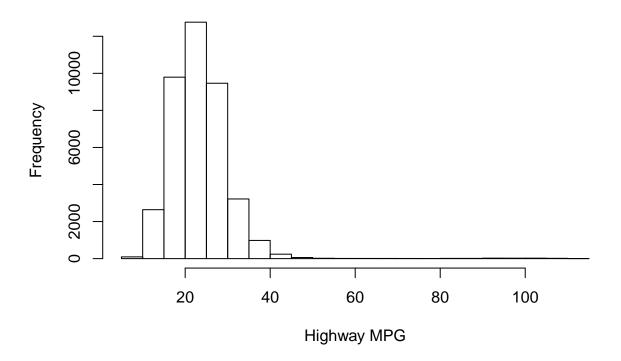
Histogram Annual of Petroleum Consumption



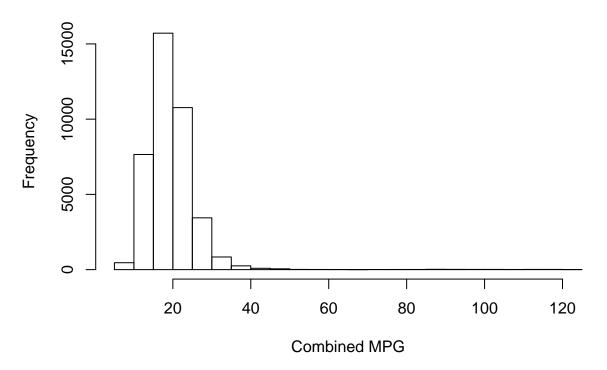
Histogram of City MPG



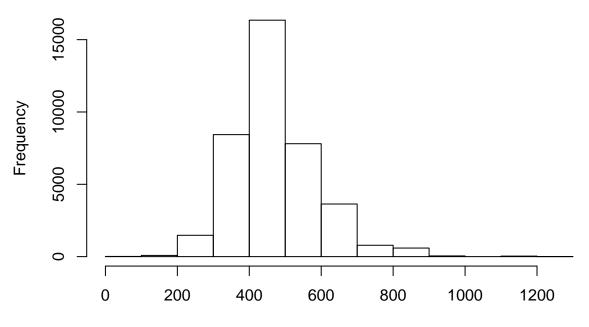
Histogram of Highway MPG



Histogram of Combined MPG

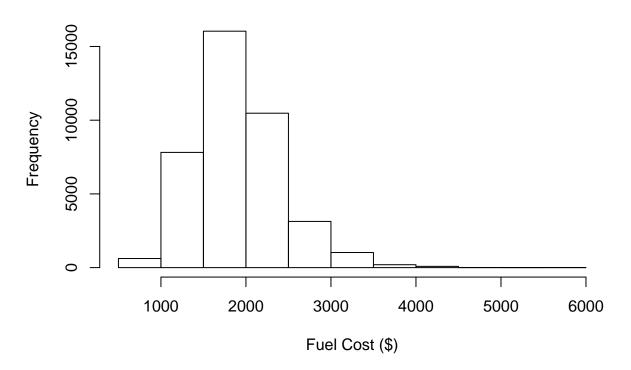


Histogram of Tailpipe CO2 Emissions

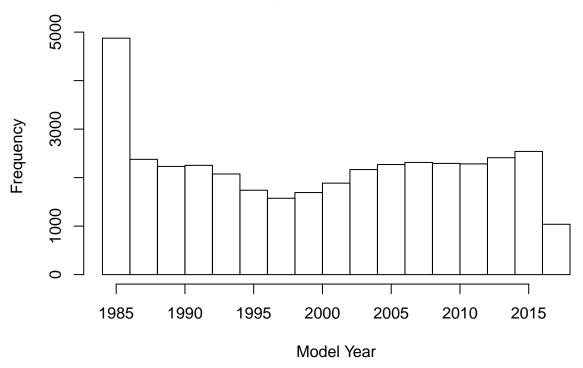


Tailpipe CO2 Emissions (grams/mile

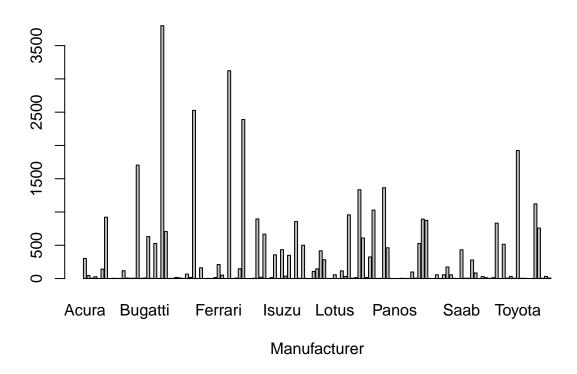
Histogram of Fuel Cost



Histogram of Model Years



Bar Chart of Manufacturers

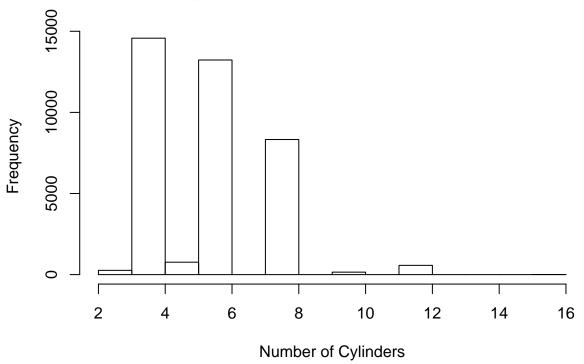


##		Manufacturer	Frequency
##	1	Acura	302
##	2	Alfa Romeo	45
##	3	AM General	6
##	4	American Motors Corporation	27
##	5	ASC Incorporated	1
##	6	Aston Martin	142
##	7	Audi	922
##	8	Aurora Cars Ltd	1
##	9	Autokraft Limited	4
##	10	Avanti Motor Corporation	2
##	11	Azure Dynamics	2
##	12	Bentley	117
##	13	Bertone	7
##	14	Bill Dovell Motor Car Company	4
##	15	Bitter Gmbh and Co. Kg	5
##	16	BMW	1705
##	17	BMW Alpina	3
##	18	Bugatti	8
##	19	Buick	630
##	20	BYD	4
##	21	Cadillac	528
##	22	CCC Engineering	2
##	23	Chevrolet	3799
##	24	Chrysler	706
##	25	CODA Automotive	2

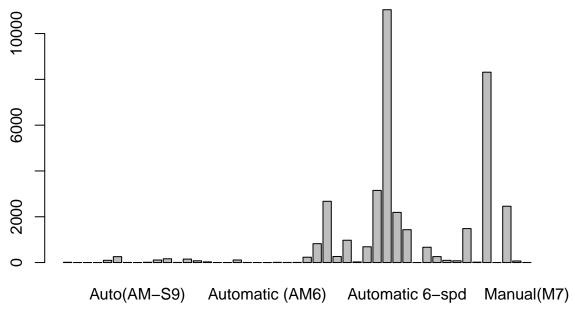
##	26	Consulier Industries Inc	3
##	27	CX Automotive	17
##	28	Dabryan Coach Builders Inc	9
##	29	Dacia	3
##	30	Daewoo	67
##	31	Daihatsu	17
##	32	Dodge	2527
##	33	E. P. Dutton, Inc.	1
##	34	Eagle	161
##	35	Environmental Rsch and Devp Corp	1
##	36	Evans Automobiles	3
##	37	Excalibur Autos	1
##	38	Federal Coach	14
##	39	Ferrari	211
##	40	Fiat	51
##	41	Fisker	1
##	42	Ford	3123
##	43	General Motors	1
	44	Genesis	7 147
	45	Geo	2390
##		GMC	
##		Goldacre	1
##	48	Grumman Allied Industries	1
##	49	Grumman Olson	906
##	50	Honda	896 19
##	51 52	Hummer	667
##	53	Hyundai Troort Foreign Auto Sales Inc.	1
##	54	Import Foreign Auto Sales Inc Import Trade Services	13
##	55	Import frade Services Infiniti	357
##	56	Isis Imports Ltd	1
##	57	Isuzu	434
##	58	J.K. Motors	36
##	59	Jaguar	349
##	60	JBA Motorcars, Inc.	1
##	61	Jeep	856
	62	Kenyon Corporation Of America	4
##		Kia	500
##	64	Laforza Automobile Inc	2
##	65	Lambda Control Systems	1
##	66	Lamborghini	107
##	67	Land Rover	145
##	68	Lexus	417
##	69	Lincoln	283
##	70	London Coach Co Inc	1
##	71	London Taxi	1
##	72	Lotus	57
##	73	Mahindra	1
##	74	Maserati	115
##	75	Maybach	31
##	76	Mazda	957
##	77	Mcevoy Motors	6
##	78	McLaren Automotive	13
##	79	Mercedes-Benz	1334
	. •	TOT COUCH DOILE	1001

шш	00	M	600
##	80 81	Mercury Merkur	609 14
	82	MINI	324
##	83		
##		Mitsubishi	1029
##	84	Mobility Ventures LLC	2
##	85	Morgan	
##	86	Nissan	1364
##	87	Oldsmobile	462
##	88	Pagani	2
##	89	Panos	1
##	90	Panoz Auto-Development	1
##	91	Panther Car Company Limited	4
##	92	PAS Inc - GMC	2
##	93	PAS, Inc	2
##	94	Peugeot	98
##	95	Pininfarina	6
##	96	Plymouth	526
##	97	Pontiac	893
##	98	Porsche	874
##	99	Quantum Technologies	2
##	100	Qvale	1
##	101	Ram	57
##	102	Red Shift Ltd.	2
##	103	Renault	56
##	104	Rolls-Royce	173
##	105	Roush Performance	55
##	106	Ruf Automobile Gmbh	3
##	107 S	and S Coach Company E.p. Dutton	1
##	108	Saab	432
##	109	Saleen	5
##	110	Saleen Performance	5
##	111	Saturn	278
##	112	Scion	84
##	113	Shelby	1
##	114	smart	30
##	115	Spyker	13
##	116	SRT	2
##	117	Sterling	12
##	118	Subaru	832
##	119	Superior Coaches Div E.p. Dutton	1
##	120	Suzuki	515
##	121	Tecstar, LP	6
##	122	Tesla	32
##	123	Texas Coach Company	4
##	124	Toyota	1924
##	125	TVR Engineering Ltd	4
##	126	Vector	4
##	127	Vixen Motor Company	1
##	128	Volga Associated Automobile	1
##	129	Volkswagen	1122
##	130	Volvo	758
	131	VPG	5
##	132	Wallace Environmental	32
##	133	Yugo	8
		1460	Ū

Histogram of Number of Cylinders per Car



Bar Chart of Transmissions Types

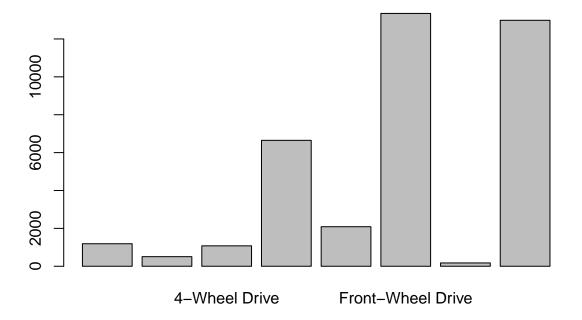


Transmission Type

##	Transmission_Type	Frequency
## 1	<na></na>	11
## 2	Auto (AV-S6)	1
## 3	Auto (AV-S8)	1
## 4	Auto (AV)	2
## 5	Auto(AM-S6)	97
## 6	Auto(AM-S7)	258
## 7	Auto(AM-S8)	6
## 8	Auto(AM-S9)	1
## 9	Auto(AM5)	12
## 10	Auto(AM6)	110
## 11	Auto(AM7)	164
## 12	Auto(AM8)	5
## 13	Auto(AV-S6)	151
## 14	Auto(AV-S7)	77
## 15	Auto(AV-S8)	28
## 16	Auto(AV-S8) Auto(L3)	20
## 10 ## 17	Auto(L3) Auto(L4)	2
= .		_
## 18	Automatic (A1)	111
## 19	Automatic (A6)	4
## 20	Automatic (AM5)	2
## 21	Automatic (AM6)	1
## 22	Automatic (AV-S6)	9
## 23	Automatic (AV)	4
## 24	Automatic (S10)	7
## 25	Automatic (S4)	233

26	Automati	.c (S5)	824	
27	Automati	.c (S6)	2675	
28	Automati	265		
29	Automati	974		
30	Automati	26		
31	Automatic (variable gear ratios)			
32	Automatic 3-spd 3151			
33	Automatic 4-spd 11042			
34	Automatic 5-spd 219			
35	Automatic 6-spd 1435			
36	Automatic 6spd 1			
37	Automatic 7-spd 668			
38	Automatic 8-spd 260			
39	Automatic 9-spd 96			
40	Manual 3-spd 77			
41	Manual 4-spd 1483			
42	Manual 4-spd Doubled 17			
43	Manual 5-spd 8313			
44	Manual 5 spd 1			
45	Manual 6-spd 2459			
46	Manual 7-spd 68			
47	Manual(M7) 3			
	27 28 29 30 31 32 33 34 35 36 37 38 40 41 42 43 44 45 46	27 Automati 28 Automati 29 Automati 31 Automatic 32 Automatic 33 Automatic 34 Automatic 35 Automatic 36 Automatic 37 Automatic 38 Automatic 39 Automatic 40 Manual 41 Manual 42 Manual 43 Manual 44 Manual 45 Manual 46 Manual	27 Automatic (S6) 28 Automatic (S7) 29 Automatic (S8) 30 Automatic (S9) 31 Automatic 3-spd 32 Automatic 3-spd 34 Automatic 5-spd 35 Automatic 6-spd 36 Automatic 7-spd 38 Automatic 7-spd 39 Automatic 9-spd 40 Manual 3-spd 41 Manual 4-spd Doubled 42 Manual 4-spd Doubled 43 Manual 5-spd 44 Manual 5-spd 45 Manual 6-spd 46 Manual 7-spd	

Bar Chart of Types of Drive (Front v. Rear)



##	2	2-Wheel	Drive	507
##	3	4-Wheel	Drive	1078
##	4	4-Wheel or All-Wheel	Drive	6648
##	5	All-Wheel	Drive	2088
##	6	Front-Wheel	Drive	13347
##	7	Part-time 4-Wheel	Drive	175
##	8	Rear-Wheel	Drive	12985