

Análisis descriptivo

Total de autos registrados: 428

Total, de variables (columnas): 15

Tipos de variables:

Categóricas:

- Brand
- Model
- VehicleClass
- Region
- DriveTrain

Numéricas:

- MSRP
- DealerCost
- EngineSize
- Cylinders
- HorsePower
- MPG_City
- MPG_Highway
- Weight
- Wheelbase
- Length

Estadística descriptiva numérica

Variables	Media	Mediana	Desv. Es.	Varianza	Minimo	Maximo	Rango
MSRP	32774.86	27635.00	19431.72	377591612.89	10280.00	192465.00	182185.00
DealerCost	30014.70	25294.50	17642.12	311244318.72	9875.00	173560.00	163685.00
EngineSize	3.20	3.00	1.11	1.23	1.30	8.30	7.00
Cylinders	5.81	6.00	1.56	2.43	3.00	12.00	9.00
HorsePower	215.89	210.00	71.84	5160.42	73.00	500.00	427.00
MPG_City	20.06	19.00	5.24	27.44	10.00	60.00	50.00
MPG_Highway	26.84	26.00	5.74	32.96	12.00	66.00	54.00
Weight	3577.95	3474.50	758.98	576055.52	1850.00	7190.00	5340.00
Wheelbase	108.15	107.00	8.31	69.09	89.00	144.00	55.00
Length	186.36	187.00	14.36	206.15	143.00	238.00	95.00

Frecuencia de variables categóricas

Band	Frecuencia
Acura	7
Audi	19
BMW	20
Buick	9
Cadillac	8
Chevrolet	27
Chrysler	15
Dodge	13
Ford	23
GMC	8
Honda	17
Hummer	1
Hyundai	12
Infiniti	8
Isuzu	2
Jaguar	12
Jeep	3
Kia	11
Land Rover	3
Lexus	11
Lincoln	9
Mazda	11
Mercedes-Benz	26
Mercury	9
MINI	2
Mitsubishi	13
Nissan	17
Oldsmobile	3
Pontiac	11
Porsche	7
Saab	7
Saturn	8
Scion	2
Subaru	11
Suzuki	8
Toyota	28
Volkswagen	15
Volvo	12
Total general	428

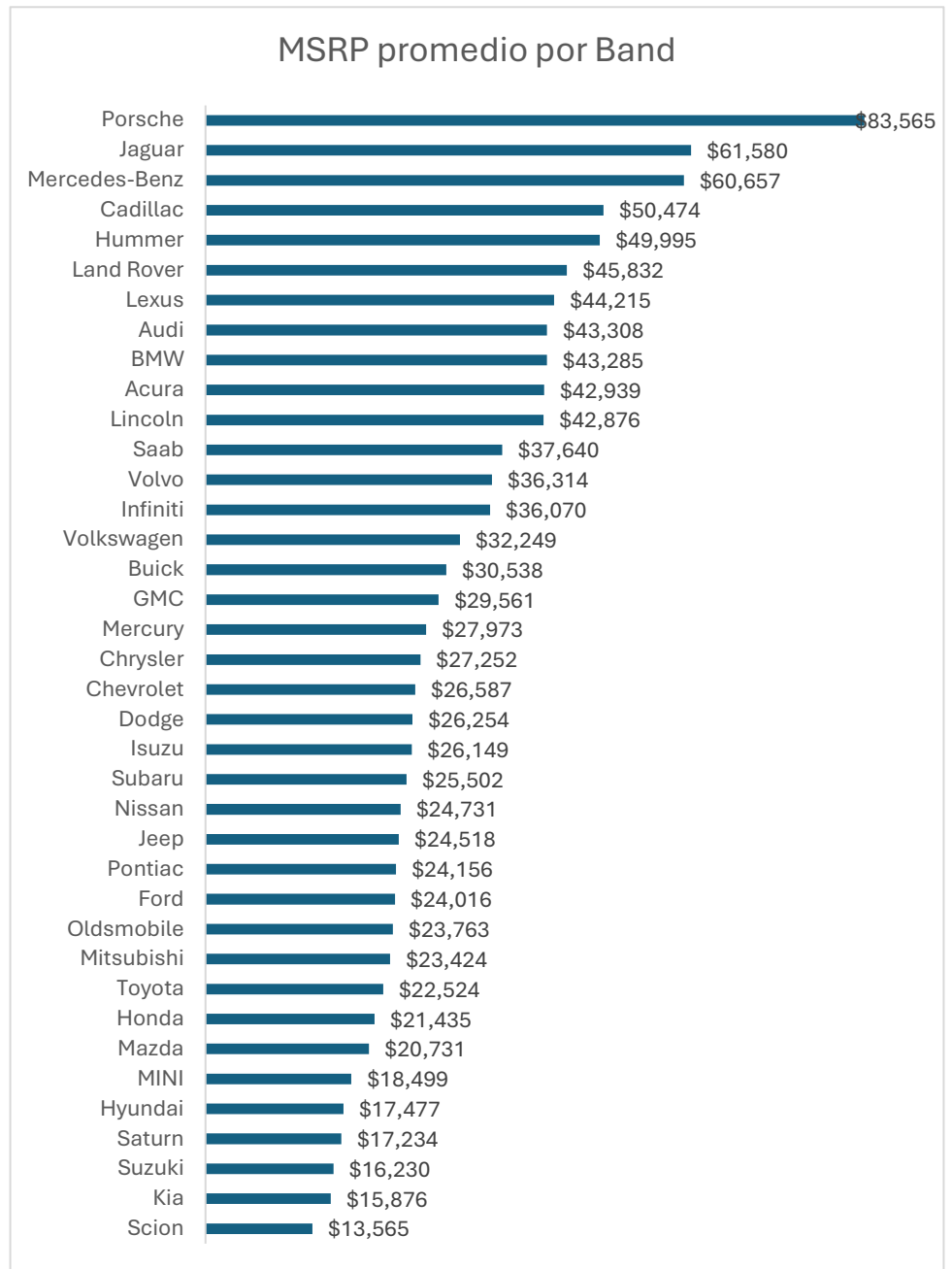
VehicleClass	Frecuencia
Hybrid	3
Sedan	262
Sports	49
SUV	60
Truck	24
Wagon	30
Total general	428

Region	Frecuencia
Asia	158
Europe	123
USA	147
Total general	428

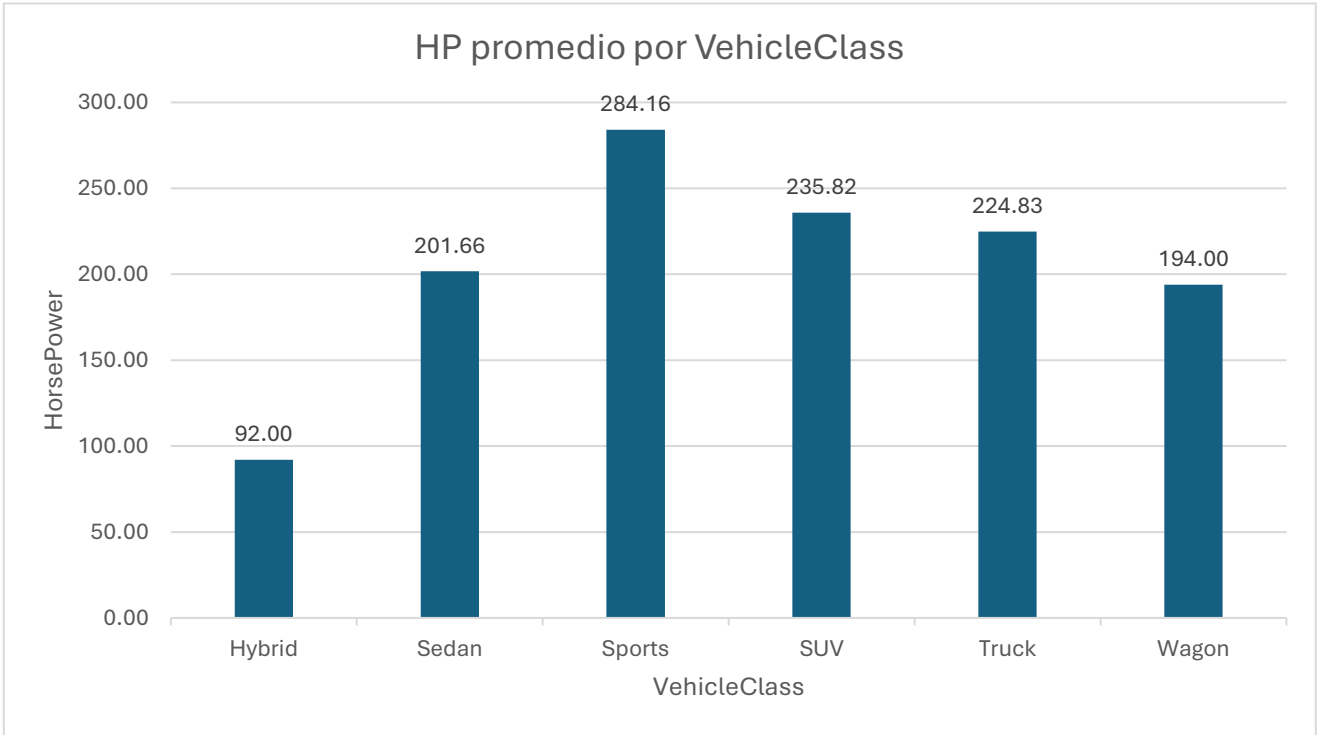
DriveTrain	Frecuencia
All	92
Front	226
Rear	110
Total general	428

Segmentación de comparativa

Band	Prom_MSRP
Acura	\$42,939
Audi	\$43,308
BMW	\$43,285
Buick	\$30,538
Cadillac	\$50,474
Chevrolet	\$26,587
Chrysler	\$27,252
Dodge	\$26,254
Ford	\$24,016
GMC	\$29,561
Honda	\$21,435
Hummer	\$49,995
Hyundai	\$17,477
Infiniti	\$36,070
Isuzu	\$26,149
Jaguar	\$61,580
Jeep	\$24,518
Kia	\$15,876
Land Rover	\$45,832
Lexus	\$44,215
Lincoln	\$42,876
Mazda	\$20,731
Mercedes-Benz	\$60,657
Mercury	\$27,973
MINI	\$18,499
Mitsubishi	\$23,424
Nissan	\$24,731
Oldsmobile	\$23,763
Pontiac	\$24,156
Porsche	\$83,565
Saab	\$37,640
Saturn	\$17,234
Scion	\$13,565
Subaru	\$25,502
Suzuki	\$16,230
Toyota	\$22,524
Volkswagen	\$32,249
Volvo	\$36,314
Total general	\$32,805



VehicleClass	Promedio_HorsePower
Hybrid	92.00
Sedan	201.66
Sports	284.16
SUV	235.82
Truck	224.83
Wagon	194.00
Total general	215.89



VehicleClass:	Region			
	Asia	Europe	USA	Total general
Hybrid	3			3
Sedan	94	78	90	262
Sports	17	23	9	49
SUV	25	10	25	60
Truck	8		16	24
Wagon	11	12	7	30
Total general	158	123	147	428