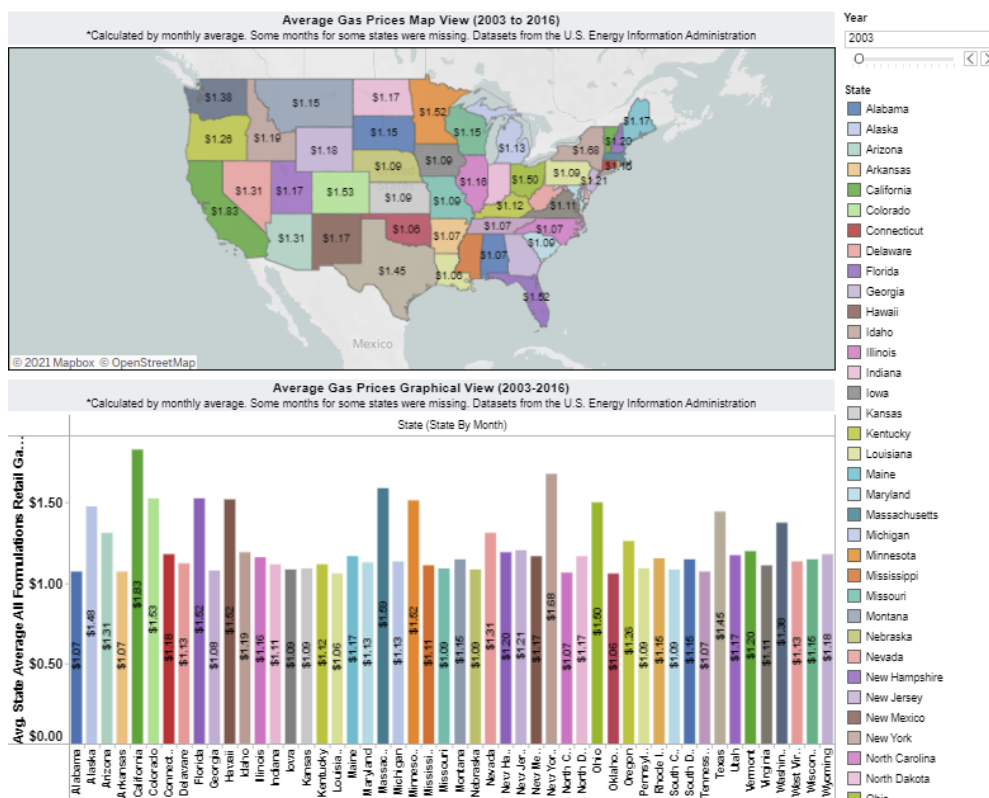
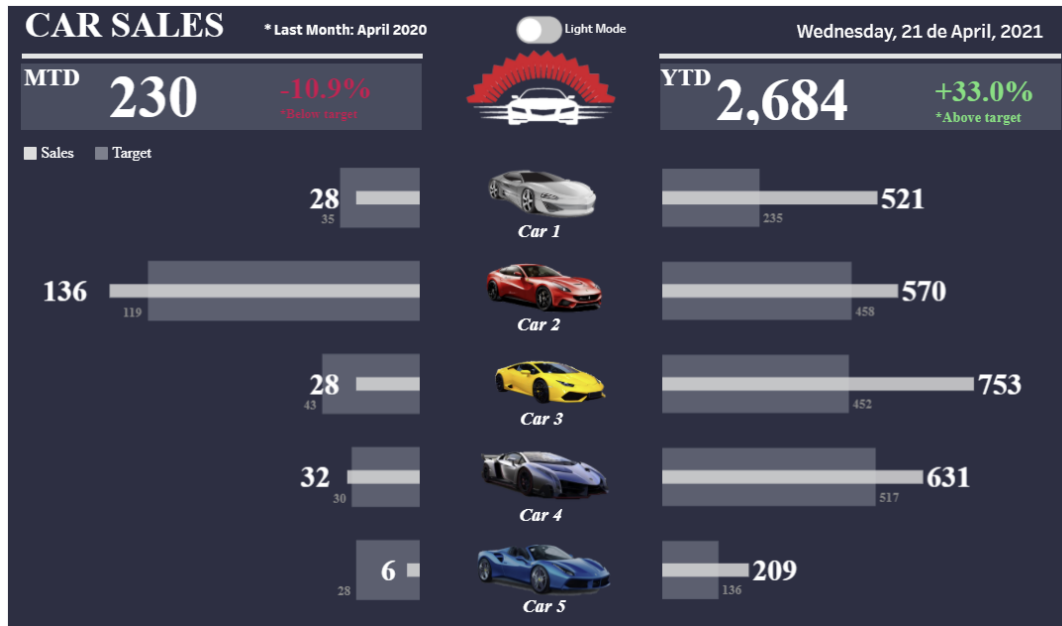


Cap-stone: Team4

Topic: U Cars Auction 2020

1. Dataset: https://www.kaggle.com/doaaalsenani/usa-cars-dataset?select=USA_cars_datasets.csv
2. What you plan/hope to predict:
 - Car's worth depending on the vehicle information, state. ("TrueCar.com")
3. Screenshots for tableau inspiration
 - Chart on price, year, model



CarPricing_Analysis

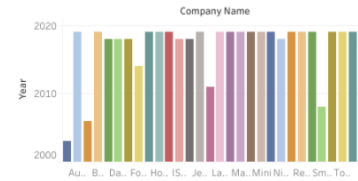
Average_Pricing

Company Name	Starting Pri..	Avg. Price	Maxprice
Ambassador	1.35	1.35	1.35
Audi	7.5	25.537711864	72.94
Bentley	59	59	59
BMW	6.3	25.243146067	93.67
Chevrolet	0.75	3.044462810	9.87
Datsun	2.25	3.049230769	3.95

DataVisual

Company N..	Model	Year	Location	Price	Tran
Ambassador	Classic	2003	Chennai	1.35	Man
Audi	A3	2014	Chennai	16.5	Auto
		2016	Mumbai	38.15	Auto
		2017	Delhi	22.5	Auto
		2008	Kolkata	9.75	Auto
	A4	2009	Delhi	7.98	Auto
			Kolkata	28.4	Auto
		2010	Delhi	10	Auto
			Kolkata	18.3	Auto
		2011	Ahmedabad	12.5	Auto
			Delhi	31.74	Auto

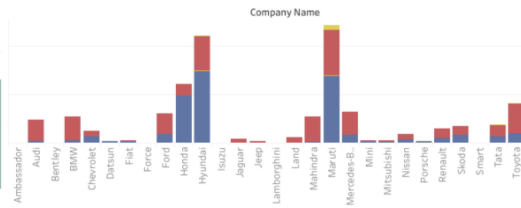
Company Production



Mileage

Year	Company Name	Name	Mileage	Transmissi..	Price
1998	Maruti	Maruti 1000 AC	Null	M	0.85
	Maruti	Maruti Zen LX	Null	M	0.53
	Maruti	Maruti Zen LXi	Null	M	0.45
1999	Mercedes-Benz	Mercedes-Benz E-Class 25.	Null	AT	3.9
	Honda	Honda City 1.3 EXi	Null	M	0.9
	Maruti	Maruti Zen VX	Null	M	0.77
2000	Mahindra	Mahindra Bolero ZLX BSIII	Null	M	1.95
	Maruti	Maruti 800 DX BSII	Null	M	0.55
	Maruti	Maruti Zen VXi - BS III	Null	M	0.7
2001	Tata	Tata Sumo Delux	Null	M	1.5
	Fiat	Fiat Siena 1.2 ELX	Null	M	0.55
	Honda	Honda City 1.5 EXi	Null	M	1.45
2002	Hyundai	Hyundai Accent GLE	Null	M	0.75
	Hyundai	Hyundai Santro D Lite	Null	M	0.7
	Maruti	Maruti Wagon R Vx	Null	M	0.7

Fuel Type



Company Name

- Ambassador
- Audi
- Bentley
- BMW
- Chevrolet
- Datsun
- Fiat
- Force
- Ford
- Honda
- Hyundai
- Isuzu
- Jaguar
- Jeep

Highlight Company Name

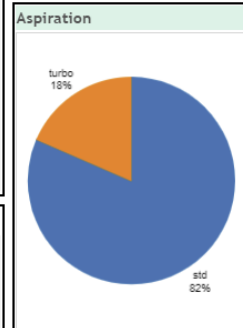
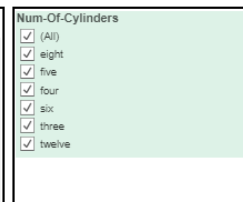
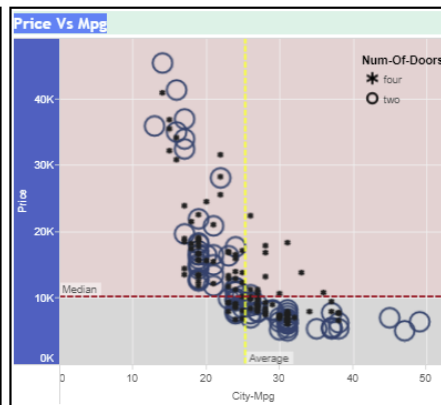
Highlight Company Name

Name

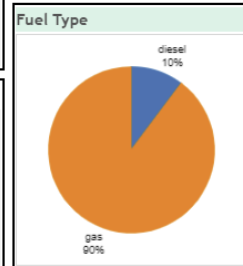
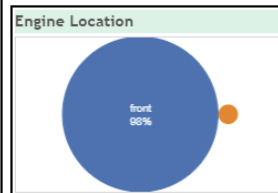
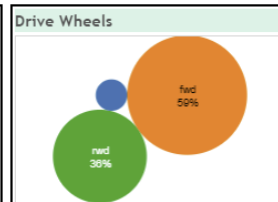
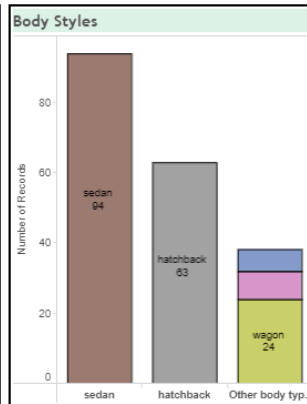
- Ambassador Classic Nova DL.
- Audi A3 35 TDI Attraction
- Audi A3 35 TDI Premium
- Audi A3 35 TDI Premium Plus
- Audi A3 35 TDI Technology
- Audi A4 1.8 TFSI
- Audi A4 1.8 TFSI Technology ..
- Audi A4 2.0 TDI
- Audi A4 2.0 TDI 177 Bhp Pre..
- Audi A4 2.0 TDI 177 Bhp Tec..
- Audi A4 2.0 TDI Celebration ..
- Audi A4 2.0 TDI Multitronic
- Audi A4 2.0 TDI Premium Sp..
- Audi A4 2.0 TFSI

Fuel Type

- CNG
- Diesel
- LPG
- Petrol



Key Stats	
Avg. City-Mpg	25
Avg. Highway-Mpg	31
Avg. Engine-Size	128
Avg. Horsepower	103
Avg. Peak-Rpm	5,000
Asp = All Body = All Eng Loc = All No. Cyl = All Fuel = All Dr. Wheel = All	



FASTEST MOVING CARS - DECEMBER 2015

Filter the data by Price & Make - Simply click on one or either



Price Brackets

\$7.5k to \$15k \$15k to \$30k Above \$30k

Make

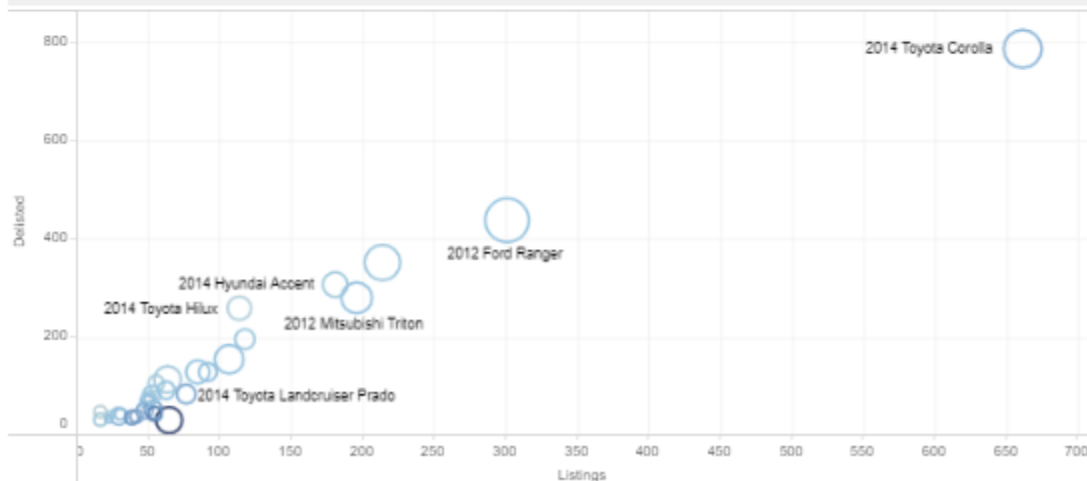
Audi Ford Honda Hyundai Isuzu Kia Mazda Mercedes Mitsubishi Nissan Subaru Suzuki Toyota



Table of Fastest Moving Cars

Price Bracket	Vehicle	Price	Age	Kilometres	Listings	Delisted	Days Supply	Watched
\$7.5k to \$15k	2004 Toyota RAV4	8,913	37	151,129	53	82	39	488
	2007 Hyundai Tucson	9,045	39	124,998	55	43	77	295
	2008 Mazda 2	8,812	41	88,585	107	154	42	1,312
	2009 Mitsubishi Outlander	14,844	38	108,285	50	66	45	301
	2010 Nissan Tida	10,228	39	75,748	48	50	58	408
	2011 Honda Jazz	11,752	40	58,971	51	73	42	337
	2011 Hyundai Accent	11,934	40	53,000	23	32	43	82
	2012 Mazda 2	12,027	38	42,394	92	128	43	521
	2013 Mazda 2	13,205	38	28,225	58	105	32	401
	2014 Hyundai Accent	14,017	38	28,720	181	308	35	970
	2010 Suzuki Grand Vitara	18,200	37	92,345	54	51	94	489
	2011 Honda CR-V	20,411	33	70,489	42	38	66	241
	2011 Isuzu D-MAX	24,599	39	103,774	63	91	42	474
	2011 Kia Sorento	25,485	39	80,088	39	35	67	282
\$15k to \$30k	2011 Mitsubishi Challenger	24,328	34	91,508	24	40	30	90
	2011 Mitsubishi Triton	21,726	40	104,992	214	351	37	2,003
	2012 Isuzu D-MAX	29,144	39	75,823	77	83	56	573
	2012 Mitsubishi Triton	23,893	34	78,983	198	279	42	1,505
	2013 Mitsubishi Triton	27,132	34	47,065	118	195	36	615
	2014 Toyota Corolla	19,110	40	29,385	661	788	50	2,292
	2012 Audi Q3	35,971	38	44,408	31	42	44	180
	2012 Ford Ranger	34,671	38	83,890	301	437	41	3,018
	2013 Audi A4	44,555	40	27,972	65	30	130	1,100
	2013 Audi Q7	75,188	38	38,983	30	38	47	481
	2013 Hyundai Santa Fe	37,278	40	49,573	50	69	43	301
	2013 Mercedes-Benz A250	48,387	37	29,224	17	31	33	237
	2013 Subaru Outback	30,150	37	48,827	17	47	22	221
	2014 Toyota Hilux	40,835	41	27,547	114	258	27	883
Above \$30k	2014 Toyota Landcruiser	82,944	38	29,721	64	113	34	1,124
	2014 Toyota Landcruiser Prado	58,888	37	28,943	85	128	40	880

Scatter Plot of Cars & Their Patterns



Sum of Listings vs. sum of Delisted. Color shows sum of Days Supply - the darker the mark, the more number of days it takes to sell out of stock (assuming there is no vehicle replenishment). Size shows sum of Watched - the larger the mark, the higher the number of watchers. The marks are labeled by Vehicle. Details are shown for Vehicle. The data is filtered on Price Bracket, which keeps \$15k to \$30k, \$7.5k to \$15k and Above \$30k.

