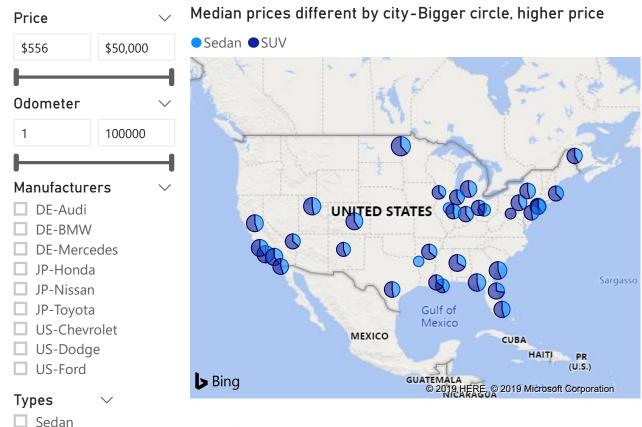
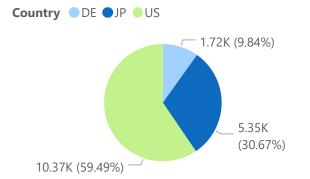
# **Used Cars Analysis** - 9 manufacturers selected from 25430 observations with 13 variables from craigslist US

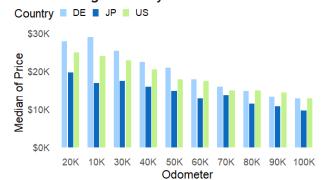
Author: Cuicui Lu Email: clu@seattleu.edu



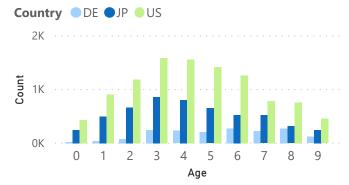
## Market share by country-US is the highest



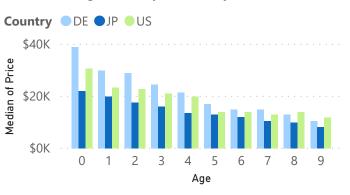
# Price change slowly after 60k



## Most of cars listed are 3 to 6 years



# Price change slowly after 5 years



#### JP and US cars are more common than DE cars

☐ SUV

Size

Cylinders

4 cylinders

☐ 6 cylinders

☐ 8 cylinders

compact

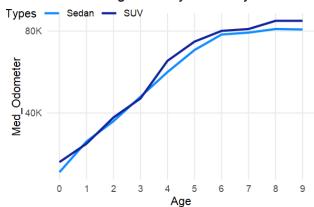
☐ full-size

☐ mid-size

□ sub-compact

Manufacturers	0	1	2	3	4	5	6	7	8	9	Total
DE-Audi		14	44	69	63	38	64	48	40	30	410
DE-BMW	5	14	19	103	103	109	137	95	168	39	792
DE-Mercedes	1	15	15	77	65	64	72	85	69	50	513
→ JP-Honda	24	93	131	195	176	176	130	145	101	74	1245
JP-Nissan	118	189	237	325	335	245	202	182	104	72	2009
☐ JP-Toyota	102	219	300	343	293	232	196	193	111	102	2091
US-Chevrolet	190	410	490	592	775	556	395	312	366	146	4232
US-Dodge	49	136	125	178	151	186	205	67	61	48	1206
US-Ford	193	362	571	821	636	678	662	410	335	262	4930
Total	682	1452	1932	2703	2597	2284	2063	1537	1355	823	17428

#### Odometer change slowly after 6 years



## Change left side options to find more

- Different types of cars have different price change patterns.
- US and JP cars have higher market share.
- For sellers, I recommend not to sell your car when it is pretty new since it loses a lot of value in a short time.
- For buyers, I recommend to buy cars which are around 5 years because the price won't change a lot after 5 years.

Data source link