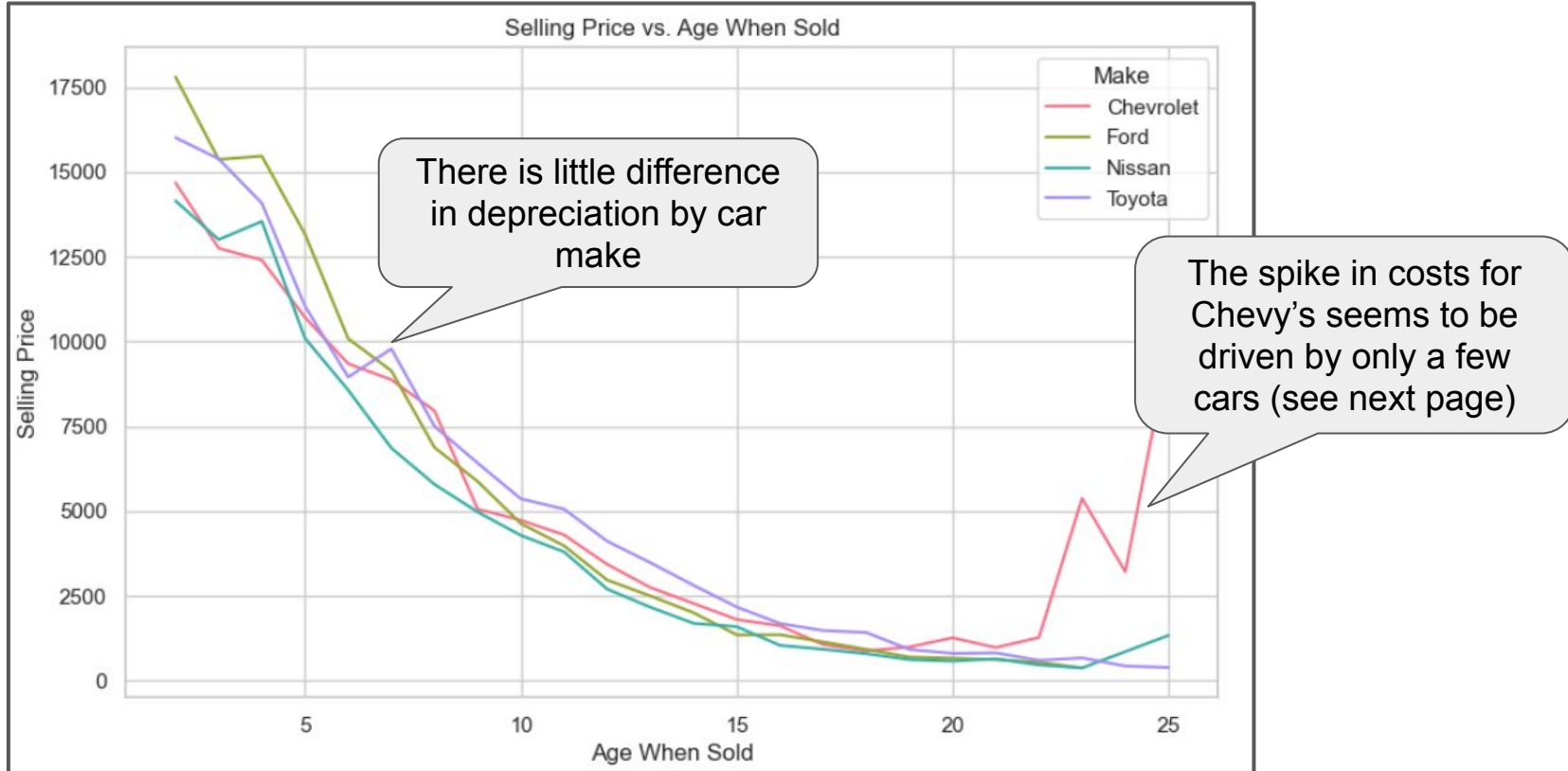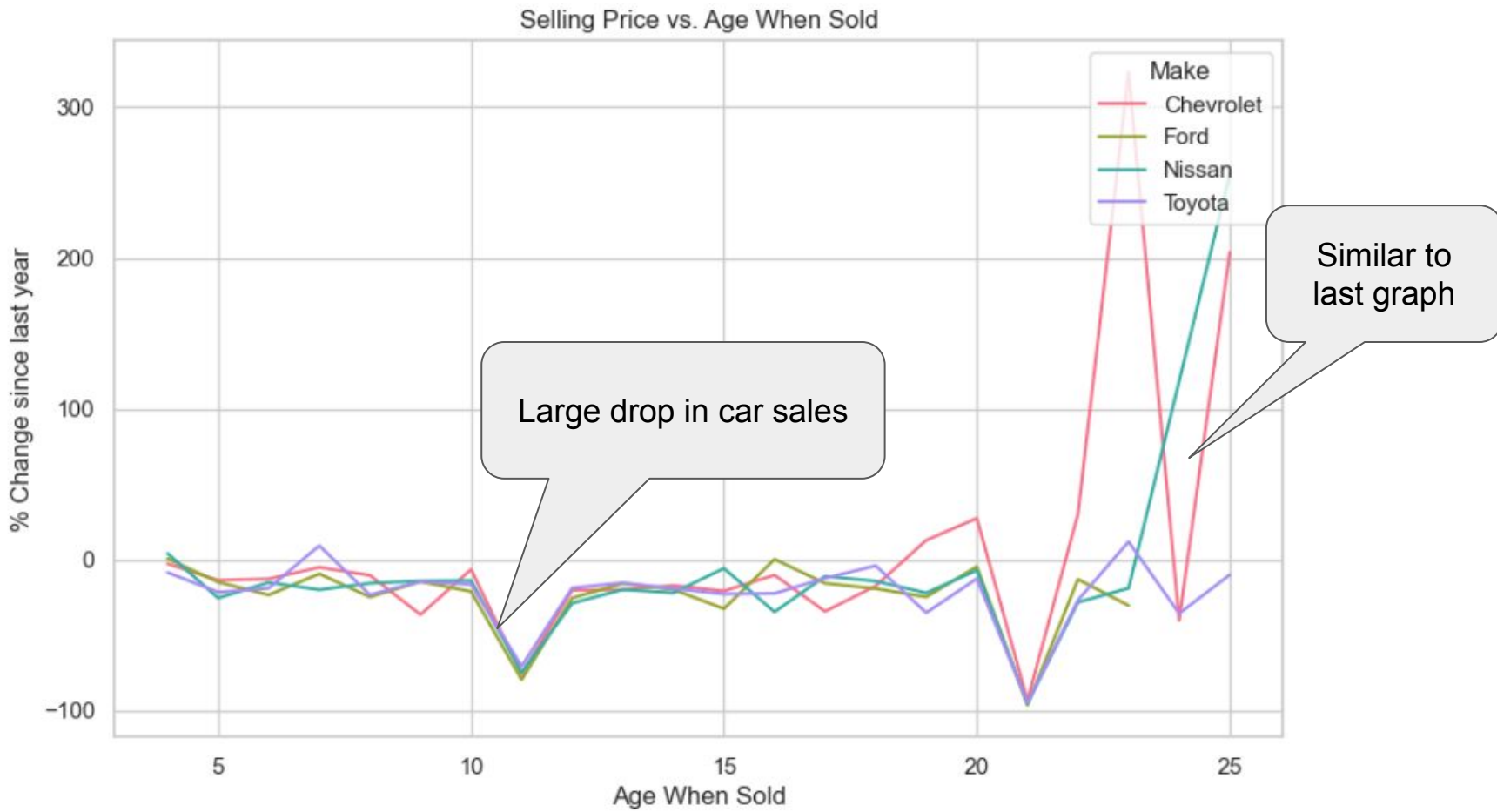# UCB
Project 1

Dollar Depreciation: automobile age versus $ price (only four makes)

Older Model Chevy and Fords
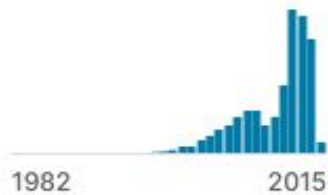
year	make	model	age_when_sold	sellingprice	odometer	condition	transmission	trim	body	state
1990	Chevrolet	C/K 1500 Series	24	6500.0	153558.0	NaN	automatic	454SS	Regular Cab	ca
1990	Chevrolet	Corvette	24	3800.0	80095.0	NaN	automatic	Base	Hatchback	nv
1990	Chevrolet	Corvette	24	2800.0	1.0	1.0	automatic	Base	Hatchback	oh
1991	Chevrolet	C/K 1500 Series	24	550.0	117616.0	2.0	automatic	Silverado	Regular Cab	nv
1991	Chevrolet	Corvette	24	2400.0	91569.0	2.0	automatic	Base	Hatchback	fl
1990	Chevrolet	C/K 1500 Series	25	8000.0	101927.0	3.0	automatic	454SS	Regular Cab	fl
1990	Chevrolet	C/K 1500 Series	25	11500.0	34266.0	4.0	automatic	454SS	Regular Cab	tn

year	make	model	age_when_sold	sellingprice	odometer	condition	transmission	trim	body	state
1992	Ford	Explorer	23	500.0	18069.0	1.0	automatic	XLT	SUV	fl
1992	Ford	Tempo	23	350.0	59329.0	3.0	automatic	GL	Sedan	fl
1992	Ford	Tempo	23	350.0	16685.0	1.0	automatic	GL	Sedan	tn
1992	Ford	Tempo	23	300.0	94141.0	1.0	automatic	GL	Sedan	pa

Dollar Depreciation: automobile age versus % change previous year (only four

Selling Price vs. Age When Sold

Make
- Chevrolet
- Ford
- Nissan
- Toyota

% Change since last year

Large drop in car sales

Similar to last graph

Age When Sold

About car_prices.csv

The "Vehicle Sales and Market Trends Dataset" provides a comprehensive collection of information pertaining to the sales transactions of various vehicles. This dataset encompasses details such as the year, make, model, trim, body type, transmission type, VIN (Vehicle Identification Number), state of registration, condition rating, odometer reading, exterior and interior colors, seller information, Manheim Market Report (MMR) values, selling prices, and sale dates.

# year	△ make	△ model	△ trim	△ body
The manufacturing year of the vehicle.	The brand or manufacturer of the vehicle.	The specific model of the vehicle.	dditional designation for the vehicle model.	The body type of the vehicle (e.g., SUV, Sedan).
1982 ... **2015**	Ford 17% Chevrolet 11% Other (405086) 72%	Altima 3% F-150 3% Other (525009) 94%	Base 10% SE 8% Other (459372) 82%	Sedan 36% SUV 21% Other (240108) 43%
2015	Kia	Sorento	LX	SUV
2015	Kia	Sorento	LX	SUV
2014	BMW	3 Series	328i SULEV	Sedan
2015	Volvo	S60	T5	Sedan
2014	BMW	6 Series Gran Coupe	650i	Sedan

transcription	vin	state	condition	odometer
The type of transmission in the vehicle (e.g., automatic).	Vehicle Identification Number, a unique code for each vehicle.	The state where the vehicle is registered.	Condition of the vehicle, possibly rated on a scale.	The mileage or distance traveled by the vehicle.
automatic 85% [null] 12% Other (17570) 3%	**550298** unique values	fl 15% ca 13% Other (402744) 72%		
automatic	5xyktca69fg566472	ca	5	16639
automatic	5xyktca69fg561319	ca	5	9393
automatic	wba3c1c51ek116351	ca	45	1331
automatic	yv1612tb4f1310987	ca	41	14282
automatic	wba6b2c57ed129731	ca	43	2641
automatic	1n4al3ap1fn326013	ca	1	5554