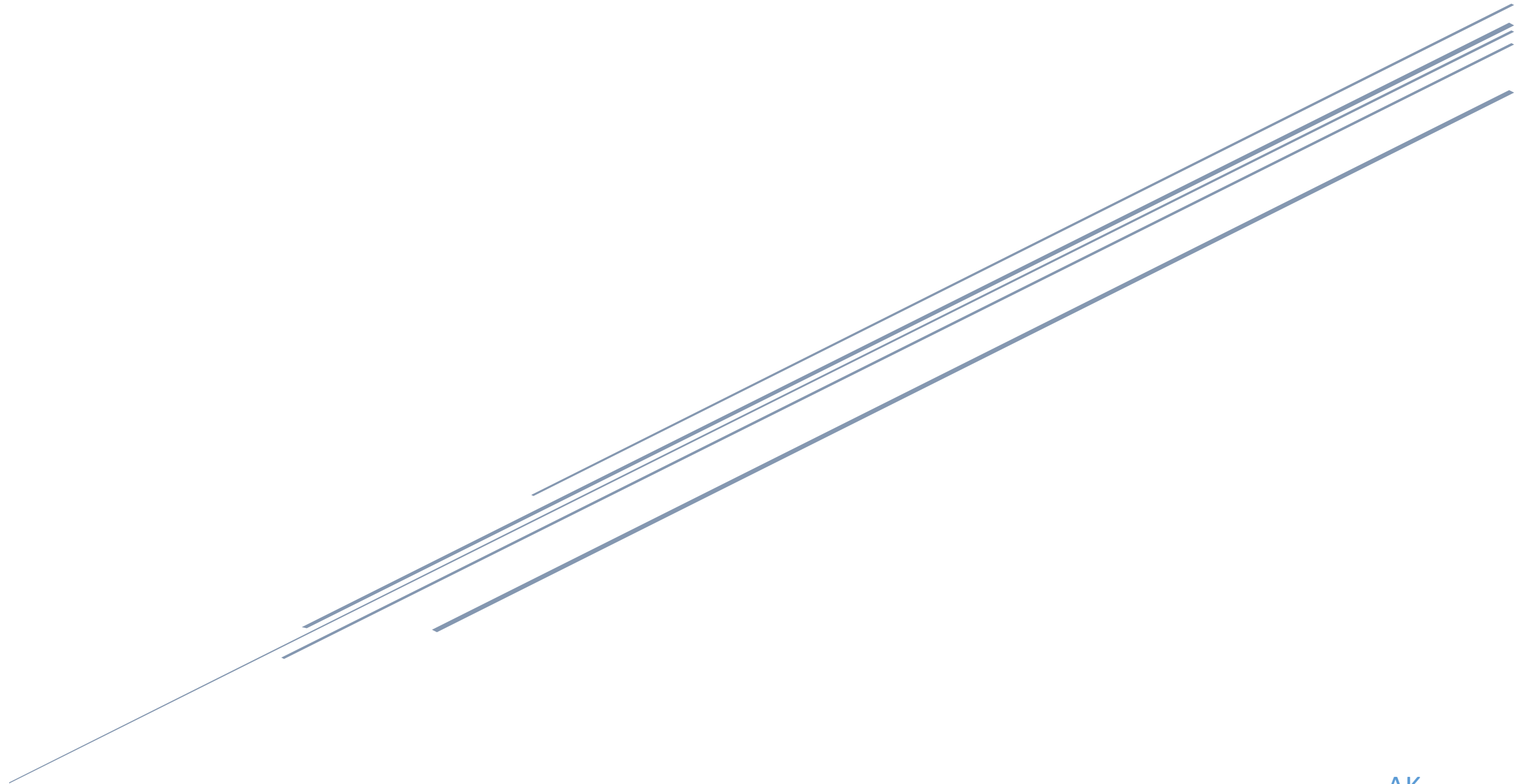


DATA ENCODING CLASS EXERCISE

Extra Credit

21st April, 2014



Data Encoding Class Exercise

Model	Origin	Year	Cylinders	Horsepower	MPG	Weight
amc ambassador dpl	US	70	8	190	15	3,850
chevrolet vega (sw)	US	71	4	72	22	2,408
chevrolet vega	US	72	4	90	20	2,408
ford pinto runabout	US	72	4	86	21	2,226
mazda rx2 coupe	Japan	72	3	97	19	2,330
amc matador (sw)	US	72	8	150	15	3,892
ford pinto (sw)	US	72	4	86	22	2,395
dodge coronet custom	US	73	8	150	15	3,777
toyota carina	Japan	73	4	88	20	2,279
chevrolet vega	US	73	4	72	21	2,401
datsun 610	Japan	73	4	94	22	2,379
ford pinto	US	73	4	85	19	2,310
chevrolet chevelle malibu classic	US	74	6	100	16	3,781
buick century	US	75	6	110	17	3,907
chevrolet chevelle malibu	US	75	6	105	16	3,897
plymouth fury	US	75	6	95	18	3,785
amc matador	US	76	8	120	15.5	3,962
mercedes-benz 280s	Europe	76	6	120	16.5	3,820
chevrolet caprice classic	US	77	8	145	17.5	3,880
chevrolet caprice classic	US	79	8	130	17	3,840
mercury grand marquis	US	79	8	138	16.5	3,955
dodge st. regis	US	79	8	135	18.2	3,830
vw rabbit	Europe	80	4	76	41.5	2,144
mazda glc	Japan	80	4	65	46.6	2,110
vw pickup	Europe	82	4	52	44	2,130

[slide adapted from Marti Hearst]

Fig. 1

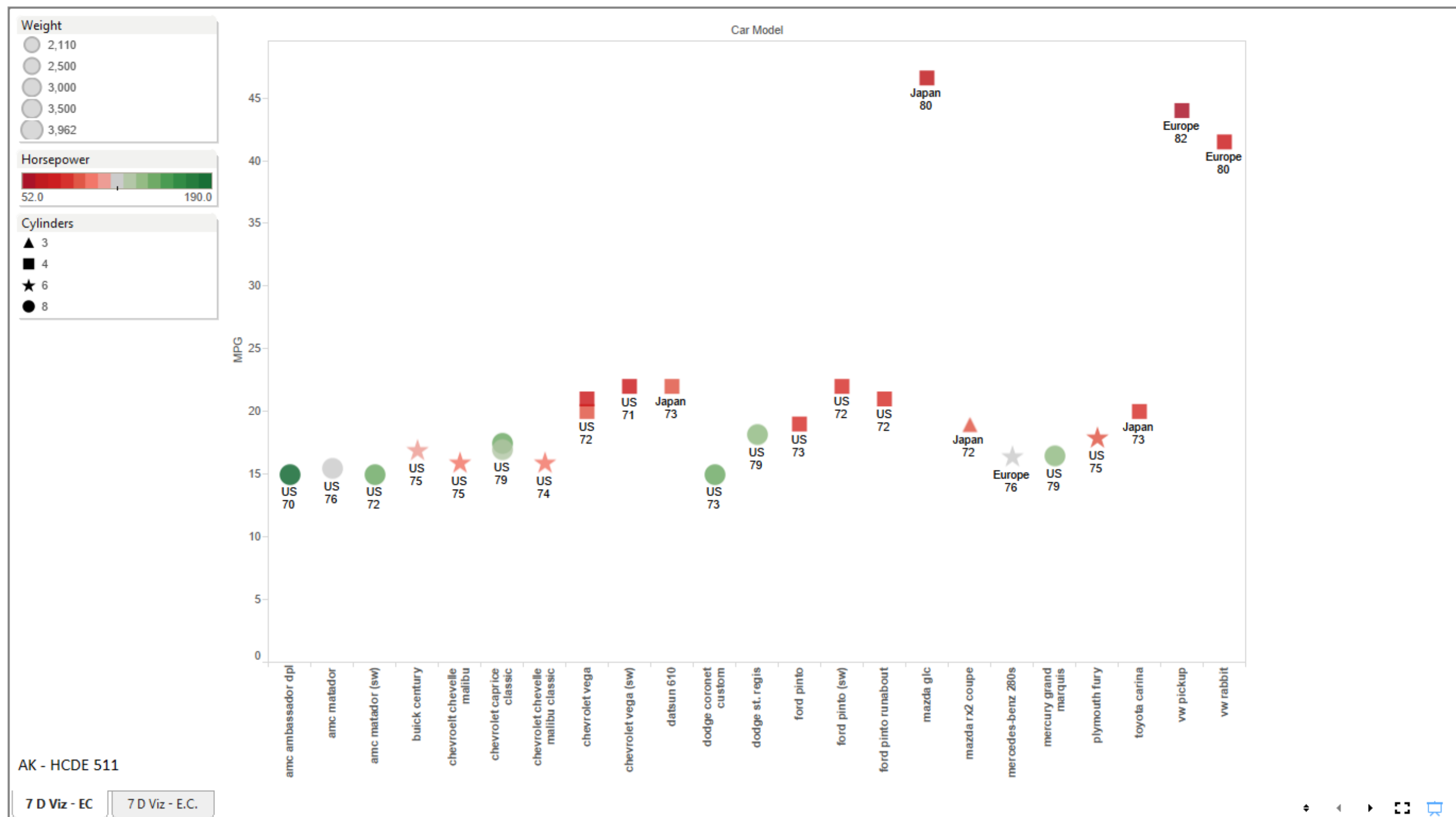


Fig. 2

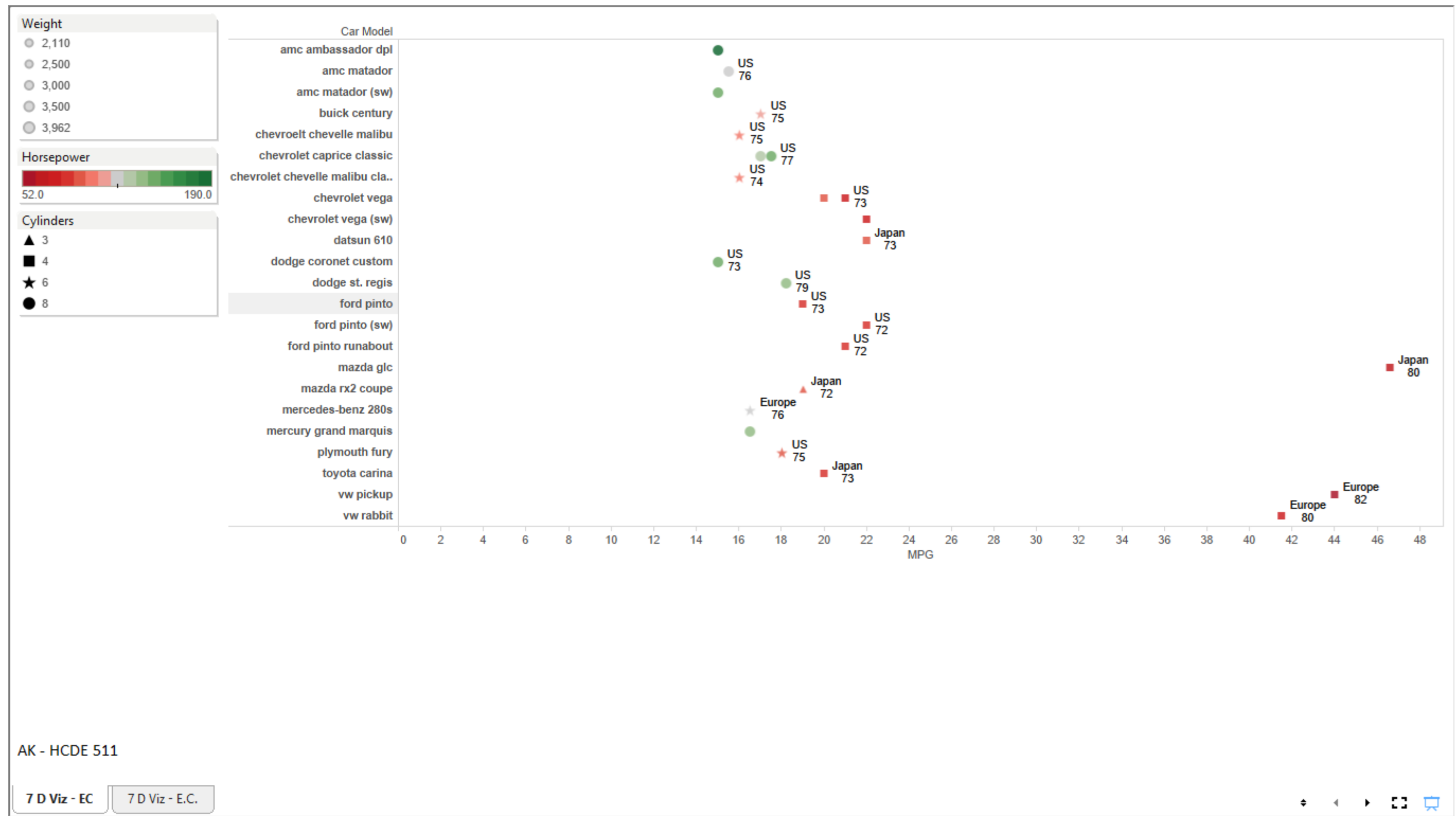


Fig. 3

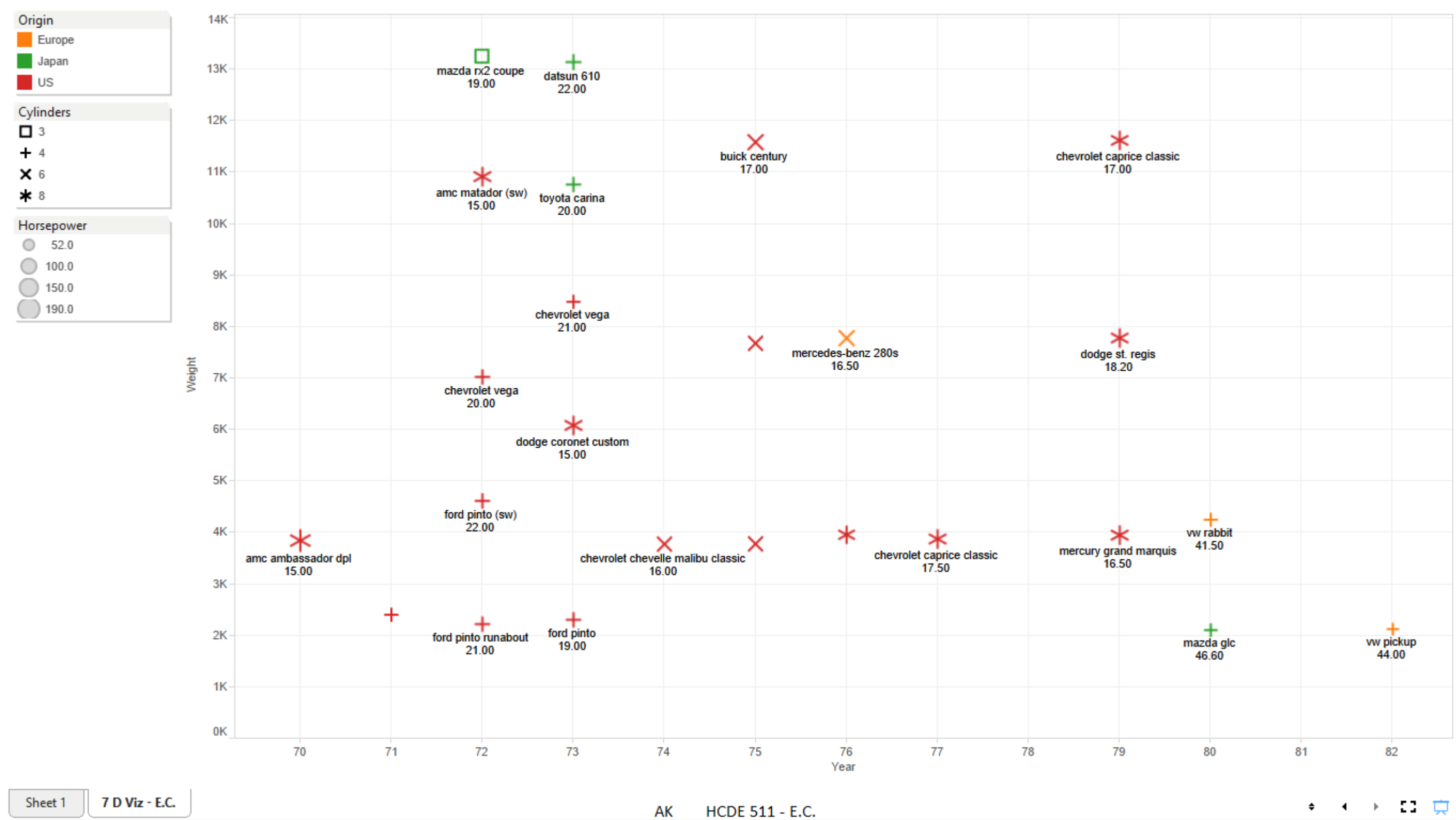


Fig. 4