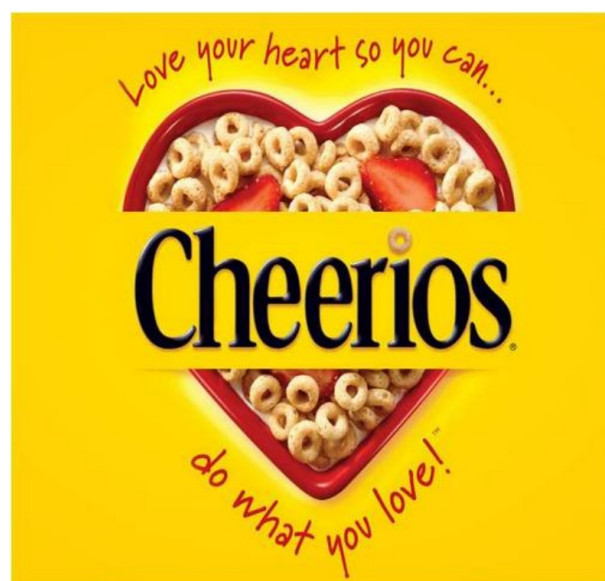


Table 1.2 Highway gas mileage for 1998 model midsize cars

Model	MPG	Model	MPG
Acura 3.5RL	25	Lexus GS300	23
Audi A6 Quattro	26	Lexus LS400	25
Buick Century	29	Lincoln Mark VIII	26
Cadillac Catera	24	Mazda 626	33
Cadillac Eldorado	26	Mercedes-Benz E320	29
Chevrolet Lumina	29	Mercedes-Benz E420	26
Chrysler Cirrus	30	Mitsubishi Diamante	24
Dodge Stratus	28	Nissan Maxima	28
Ford Taurus	28	Oldsmobile Aurora	26
Honda Accord	29	Rolls-Royce Silver Spur	16
Hyundai Sonata	27	Saab 900S	25
Infiniti I30	28	Toyota Camry	30
Infiniti Q45	23	Volvo S70	25

- 2) Construct a histogram of the data.
Begin at 15 and use a class width of 5.

Collecting Data

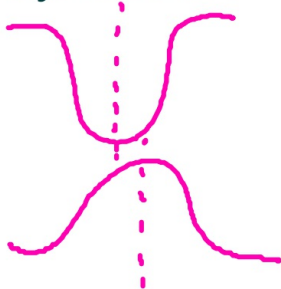


When describing the quantitative variable
you MUST talk about

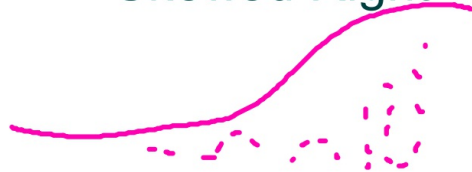
Shape, Outliers, Center, Spread (SOCS)

Distribution Shapes

Symmetric



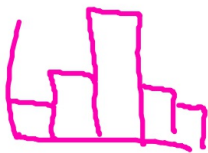
Skewed Right



Skewed Left



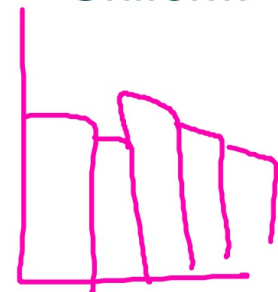
Unimodel



Bimodel



Uniform



Outliers:

Center:

Spread: