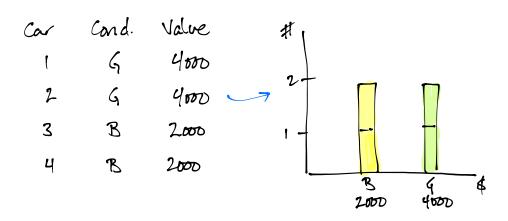
## Example model

The market for lemons - Akerlof

4 cars
Each either good (6) or bad (8)
G worth \$4000
B wath \$2000



Now add information asymmetry:

\* Sellers know true condition of their car

\* Buyers know only distribution of conditions

## flow much should buyer offer?

What about average or expected value?

$$EV = \sum_{i=1}^{N} \int_{i}^{probability i} fixi$$

$$payoff i$$

$$possible outcomes or "states"$$

$$EV = (\frac{1}{2})(4000) + (\frac{1}{2})(2000) = 3000$$

But, how would sellers react?

only B cars left

Theoremation asymmetry > "Adverse Selection"

In equilibrium:

EV = (1)(2000) + (0)(4000) = 2000P = \$2000, only B cars trade