

### Data for Lemons Experiment

The records turned in by the car dealers were not easy to decipher. I had to make some assumptions to complete these tables. Whether or not they are entirely accurate, you can use these numbers for your homework.

Table 1 Distribution of Car Types

	Session 2	Session 3	Session 4
Number of Good Car Owners	15	10	10
Number of Lemon Owners	15	20	20

Table 2 Types of Cars Sold

	Session 2	Session 3	Session 4
Number of Good Cars Sold	14	5	10
Number of Lemons Sold	14*	19	20
Average Value of all cars sold	\$2000	\$1125	\$1534

\*When we did a count by hands raised, we found 13 lemons. But the information on the sheets that were handed in show 14 lemons.

Table 3 Purchases and Profits Session 2

Dealer ID	Number of Cars Bought by Dealer	Dealer's Total Cost	Dealer's Total Revenue	Dealer's Profit (or loss)
1	6	\$11,100		
2	1	\$1991		
3	10	\$25000		
4	2	\$3980		
5	9	\$17919		
6	0	0		

Table 4 Purchases and Profits Session 3

Dealer ID	Number of Cars Bought by Dealer	Dealer's Total Cost	Dealer's Total Revenue	Dealer's Profit (or loss)
1	0	0		
2	9	\$4500		
3	0	0		
4	0	0		
5	15	\$25500		
6	0	0		

Table 5 Purchases by Dealers Session 4

Dealer ID	Expenditure on Good Cars	Expenditure on Lemons	Number of Good Cars	Number of Lemons
1	31500	450	9	1
2	59990	0	0	12
3	3500	1	1	1
4	0	2496	0	5
5	0	499	0	1
6	0	0	0	0