

## The Number of Automobiles in the US

Year's Change	Year	Years Since 1940	Autos (Millions)	Autos' Change	Rate of Change Autos/Year	Model Predicts	Error
	1940	0	27.5			27.5	0.0
10	1950	10	40.3	12.8	1.28	50.5	10.2
10	1960	20	61.7	21.4	2.14	73.5	11.8
10	1970	30	89.3	27.6	2.76	96.5	7.2
10	1980	40	121.6	32.3	3.23	119.5	2.1
6	1986	46	135.4	13.8	2.30	133.3	2.1
	1990	50				142.5	
	2000	60				165.5	

**Model's**  
 slope: 2.3  
 intercept: 27.5  
  
**Error**  
 Sum: 33.4  
  
**Ave Error:** 5.6

