Multiple Regression in R

We are interested in whether house prices in 250 regions of the UK can be predicted by:

- (a) Population size
- (b) Crime rate (per 10,000 people)
- (c) Average age of people in the region
- (d) Average household income in the region.

Including our predictor and a column identifying our Regions, our datasets consists of 6 variables.

	Region	House_price	Population	Crime	Average_age	Household_income
	<dbl></dbl>	<dbl></dbl>	<dbl></dbl>	<dbl></dbl>	<dbl></dbl>	<dbl></dbl>
1	1	193735	49004	14	72.7	20843.
2	2	201836	48307	25	78.1	19130.
3	3	191643	50379	19	71.4	20411.
4	4	215952	53664	17	72.1	16863.
5	5	203295	45481	22	76.1	19964.
6	6	191795	51582	32	81.2	20207.