

Big Data and Internet Finance

HW 1

zhenyu xu
15620161152289

Year	RAM	increase
1988	0. 002	
1991	0. 004	1
1996	0. 5	124
2000	1	1
2003	2	1
2007	8	3
2014	16	1

The model logistic regression model is that

$$P = \frac{\exp(\beta_0 + \beta_1 X_1 + \dots + \beta_p X_p)}{1 + \exp(\beta_0 + \beta_1 X_1 + \dots + \beta_p X_p)}$$

Logistic regression is used to determine whether other measurements are related to the presence of some characteristic. For example, whether certain blood measures are predictive of having a disease.

