以下开头，可有可不有，有些和background有相似部分

Airbnb mainly could be divided into three parts, entire place, private room and shared room. As New York State stipulates in 2016 that it is illegal to rent the type of entire home by Airbnb, because it upset the housing price. Therefore, this part would analyze the effects of different types of Airbnb on housing price.

Private room



(如果可以,可以做点一下显示这个点（neighbourhood）的名称)之类的，旁边空处放出这个回归的R和K,我瞎说的，你觉得不行或者不够好你就自己想ORZ）

|  |  |
| --- | --- |
| R-sqaured | K |
| 0.195 | 216.76 |

一些解释

* Private room: guests have their own bedrooms and other space are shared.
* An effective R-square but not very high, which means about 19.5% of the observations match the regression.
* The slope of this equation is 216.76. Once match, the density of private place is correlative with housing price.

Shared room

|  |  |
| --- | --- |
| R-square | K |
| 2815.0 | 0.1134 |

一些解释

* Shared room: guests use a shared house with other people.
* A low and invalid R-square, which means about 11.34% of the observations match the regression.
* The slope of this equation is 2815.0. Once match, the density of private place has a very high and positive relationship with housing price.

Entire place

|  |  |
| --- | --- |
| R-square | K |
| 0.3524 | 192.62 |

* Entire place: guests could own a whole place, usually including a bedroom, a bathroom and a kitchen.
* A relatively high R-square, which means about 35.24% of the observations match the regression.
* The slope of this equation is 192.62. Once match, the density of private place is correlative with housing price.