**CIS 550 Final Project Code Book**

Table of listings

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Attribute | Mean | Deviation | Max | Min | Handle Null | Note | |
| id | N/A | N/A | N/A | N/A | N/A | key | |
| host\_id | N/A | N/A | N/A | N/A | N/A | A host\_id may correspond multiple listing ids(i.e. id) | |
| host\_response\_time | 0.31 | 0.6697 | 3 | 0 | mean | within an hour | 0 |
| within a few hours | 1 |
| within a day | 2 |
| a few days or more | 3 |
| round(0) | |
| host\_response\_rate | 0.96 | 0.1210 | 1 | 0 | mean | Round(0.00) | |
| host\_acceptance\_rate | 0.96 | 0.2034 | 1 | 0 | mean | round(0) | |
| host\_is\_superhost | 0.34 | 0.4734 | 1 | 0 | mean | f | 0 |
| t | 1 |
| Round(0) | |
| host\_total\_listings\_count | 169.61 | 760.3025 | 8316 | 1 | mean | round(0) | |
| neighbourhood\_cleansed |  |  |  |  |  |  | |
| neighbourhood\_group\_cleansed |  |  |  |  | round(0)  range{0,1} | For the highlighted attributes, duote, please code them upon your needs | |
| latitude |  |  |  |  |  |  | |
| longitude |  |  |  |  |  |  | |
| room\_type | 0.34 | 0.5717 | 3 | 0 | mean | Entire home/apt | 0 |
| Private room | 1 |
| Hotel room | 2 |
| Shared room | 3 |
| Round(0) | |
| accommodates | 3.91 | 2.7312 | 16 | 0 | mean | Round(0) | |
| bedrooms | 1.79 | 1.1331 | 24 | 1 | mean | Round(0) | |
| beds | 2.16 | 1.5839 | 50 | 1 | mean | Round(0) | |
| price | 283.33 | 1081.1467 | 99999 | 0 | mean | Round(0) | |
| review\_scores\_rating | 4.70 | 0.5325 | 5 | 0 | mean | Round(0.00) | |
| review\_scores\_accuracy | 4.77 | 0.3945 | 5 | 0 | mean | Round(0.00) | |
| review\_scores\_cleanliness | 4.71 | 0.4203 | 5 | 0 | mean | Round(0.00) | |
| review\_scores\_checkin | 4.84 | 0.3518 | 5 | 0 | mean | Round(0.00) | |
| review\_scores\_communication | 4.83 | 0.3690 | 5 | 0 | mean | Round(0.00) | |
| review\_scores\_location | 4.79 | 0.3442 | 5 | 0 | mean | Round(0.00) | |
| review\_scores\_value | 4.67 | 0.4227 | 5 | 0 | mean | Round(0.00) | |