Metadata of Original Dataset

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Label | Role | Level |
| id | Airbnb ID | ID | continuous |
| listing\_url | Listing URL | URL | nominal |
| scrape\_id | Scraping ID | ID | continuous |
| last\_scraped | Date last scraped (updated) | Date | continuous |
| name | Name of listing | Text | nominal |
| description | Description of listing | Text | nominal |
| neighborhood\_overview | Description of neighbourhood | Text | nominal |
| picture\_url | URL of picture | URL | nominal |
| host\_id | ID of host | ID | continuous |
| host\_url | URL of host profile | URL | nominal |
| host\_name | Name of host | Text | nominal |
| host\_since | Date host started hosting | Date | continuous |
| host\_location | Location of host | Text | nominal |
| host\_about | Description of host | Text | nominal |
| host\_response\_time | Time host takes to response | Text | nominal |
| host\_response\_rate | Rate host takes to response | number | nominal |
| host\_acceptance\_rate | Rate host takes to acceptance | number | nominal |
| host\_is\_superhost | Is host a superhost? | Text | nominal |
| host\_thumbnail\_url | URL of host thumbnail | URL | nominal |
| host\_picture\_url | URL of host picture | URL | nominal |
| host\_neighbourhood | Neighbourhood of host | Text | nominal |
| host\_listings\_count | Listings of host | number | continuous |
| host\_total\_listings\_count | Total listings of host | number | continuous |
| host\_verifications | Verification method of hosts | Text | nominal |
| host\_has\_profile\_pic | Does host have profile picture | Text | nominal |
| host\_identity\_verified | Has host identity been verified | Text | nominal |
| neighbourhood | Neighbourhood of listing | Text | nominal |
| neighbourhood\_cleansed | Neighbourhood of listing (cleaned) | Text | nominal |
| neighbourhood\_group\_cleansed | Neighbourhood Region (cleaned) | Text | nominal |
| latitude | Latitude | number | continuous |
| longitude | Longitude | number | continuous |
| property\_type | Type of property (Private Room/Entire Unit) | Text | nominal |
| room\_type | Room type | Text | nominal |
| accommodates | Number of guests accomodated | number | continuous |
| bathrooms | No of bathrooms |  | nominal |
| bathrooms\_text | No of bathrooms and type | Text | nominal |
| bedrooms | No of bedrooms | number | continuous |
| beds | No of beds | number | continuous |
| amenities | Types of amenities included | Text | nominal |
| price | Price per night | number | continuous |
| minimum\_nights | Minimum nights | number | continuous |
| maximum\_nights | Maximum nights | number | continuous |
| minimum\_minimum\_nights | Minimum nights | number | continuous |
| maximum\_minimum\_nights | Minimum nights | number | continuous |
| minimum\_maximum\_nights | Maximum nights | number | continuous |
| maximum\_maximum\_nights | Maximum nights | number | continuous |
| minimum\_nights\_avg\_ntm | Minimum nights | number | continuous |
| maximum\_nights\_avg\_ntm | Maximum nights | number | continuous |
| calendar\_updated | Calendar updated | Text | nominal |
| has\_availability | Availability | Text | nominal |
| availability\_30 | Availaibility in next 30 days | number | continuous |
| availability\_60 | Availability in next 60 days | number | continuous |
| availability\_90 | Availability in next 90 days | number | continuous |
| availability\_365 | Availability in next 365 days | number | continuous |
| calendar\_last\_scraped | Calendar last updated | number | continuous |
| number\_of\_reviews | Total number of reviews | number | continuous |
| number\_of\_reviews\_ltm | Number of review ltm | number | continuous |
| number\_of\_reviews\_l30d | Number of review l30d | number | continuous |
| first\_review | Date of first review | number | continuous |
| last\_review | Date of last review | number | continuous |
| review\_scores\_rating | Overall rating | number | continuous |
| review\_scores\_accuracy | Accuracy score | number | continuous |
| review\_scores\_cleanliness | Cleanliness score | number | continuous |
| review\_scores\_checkin | Checkin score | number | continuous |
| review\_scores\_communication | Communication score | number | continuous |
| review\_scores\_location | Location score | number | continuous |
| review\_scores\_value | Value score | number | continuous |
| license | License available |  | nominal |
| instant\_bookable | Is location instant bookable | Text | nominal |
| calculated\_host\_listings\_count | Host listing counts | number | continuous |
| calculated\_host\_listings\_count\_entire\_homes | Host listing counts for entire homes | number | continuous |
| calculated\_host\_listings\_count\_private\_rooms | Host listing counts for private rooms | number | continuous |
| calculated\_host\_listings\_count\_shared\_rooms | Host listing counts for shared rooms | number | continuous |
| reviews\_per\_month | Reviews per month | number | continuous |

Metadata of Final Dataset

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Label | Original/ Calculated | Role | Level |
| host\_is\_superhost | Is host a superhost? | Original | Text | Nominal |
| host\_response\_time | Time host takes to response |  | Text | nominal |
| host\_total\_listings\_count | Total listings of host | Original | Number | continuous |
| neighbourhood\_cleansed | Neighbourhood of listing (cleaned) | Original | Text | nominal |
| room\_type | Room type | Original | Text | nominal |
| accommodates | Number of guests accomodated | Original | Number | continuous |
| bathroom\_type | Whether bathroom is shared or private | Calculated | Text | nominal |
| bedrooms | No of bedrooms | Original | Number | continuous |
| beds | No of beds | Original | Number | continuous |
| minimum\_nights | Minimum nights | Original | Number | continuous |
| maximum\_nights | Maximum nights | Original | Number | continuous |
| TV | Presence of TV | Calculated | Number | nominal |
| Wifi | Presence of wifi amenity | Calculated | Number | nominal |
| Essentials | Presence of essentials amenity | Calculated | Number | nominal |
| Air Con | Presence of air conditioning | Calculated | Number | nominal |
| Washer | Presence of washer | Calculated | Number | nominal |
| Dryer | Presence of dryer | Calculated | Number | nominal |
| Iron | Presence of iron | Calculated | Number | nominal |
| Hair Dryer | Presence of hair dryer | Calculated | Number | nominal |
| Kitchen | Presence of kitchen | Calculated | Number | nominal |
| Hot Water | Presence of hot water | Calculated | Number | nominal |
| Refrigerator | Presence of refrigerator | Calculated | Number | nominal |
| Microwave | Presence of microwave | Calculated | Number | nominal |
| Pool | Presence of pool | Calculated | Number | nominal |
| Workspace | Presence of workspace | Calculated | Number | nominal |
| Lock | Presence of lock | Calculated | Number | nominal |
| Parking | Presence of parking | Calculated | Number | nominal |
| price | Price per night | Original | Number | continuous |