\*Host\_is\_superhost (4.8+ rating,10+ stays, 0 cancelation, 90%+ response rate) 1 or 0

\*Host\_listings\_count (how many properties listed by the same host) positive Integer

\*host\_has\_profile\_pic (Host has picture or not) 1 or 0

\*host\_identity\_verified(Host’s identity verified or not) 1 or 0

\*apt ( Is the property an apartment?) 1 or 0

\*house ( Is the property a house?) 1 or 0

\*entire ( Is the host listing the whole property?) 1 or 0

\*accommodates ( How many people can be accommodated?) positive Integer

\*beds ( How many beds are available?) positive Integer

\* realbed ( Are the beds real beds v.s. futon/sofa?) 1 or 0

\*WIFI ( Is WIFI available?) 1 or 0

\* review\_scores\_rating (current review score) positive float/double (0.0-100.0)

\* Instant\_bookable (Is it instantly bookable?) 1 or 0

\* require\_guest\_phone\_verification (Does the host require guest’s phone verification?) 1 or 0

\*avg\_avail ( Anticipated available days in a month) positive Integer(1-31)

\*longitude float/double (-180.0~180.0)

\*latitude float/double (-90.0~90.0)

top1 float/double

top5\_avg float/double

total\_avg float/double

within\_radius\_avg float/double