

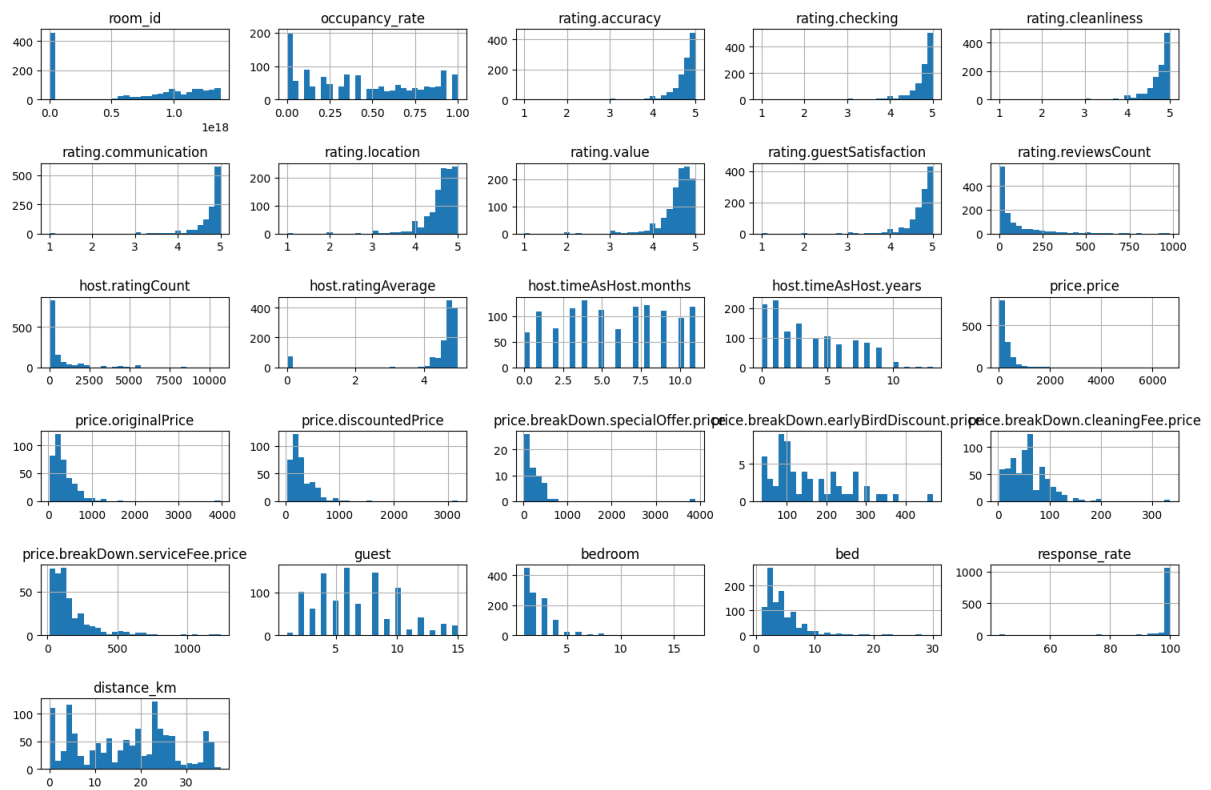
ANA502 Final data preparation

KOHEI NISHITANI

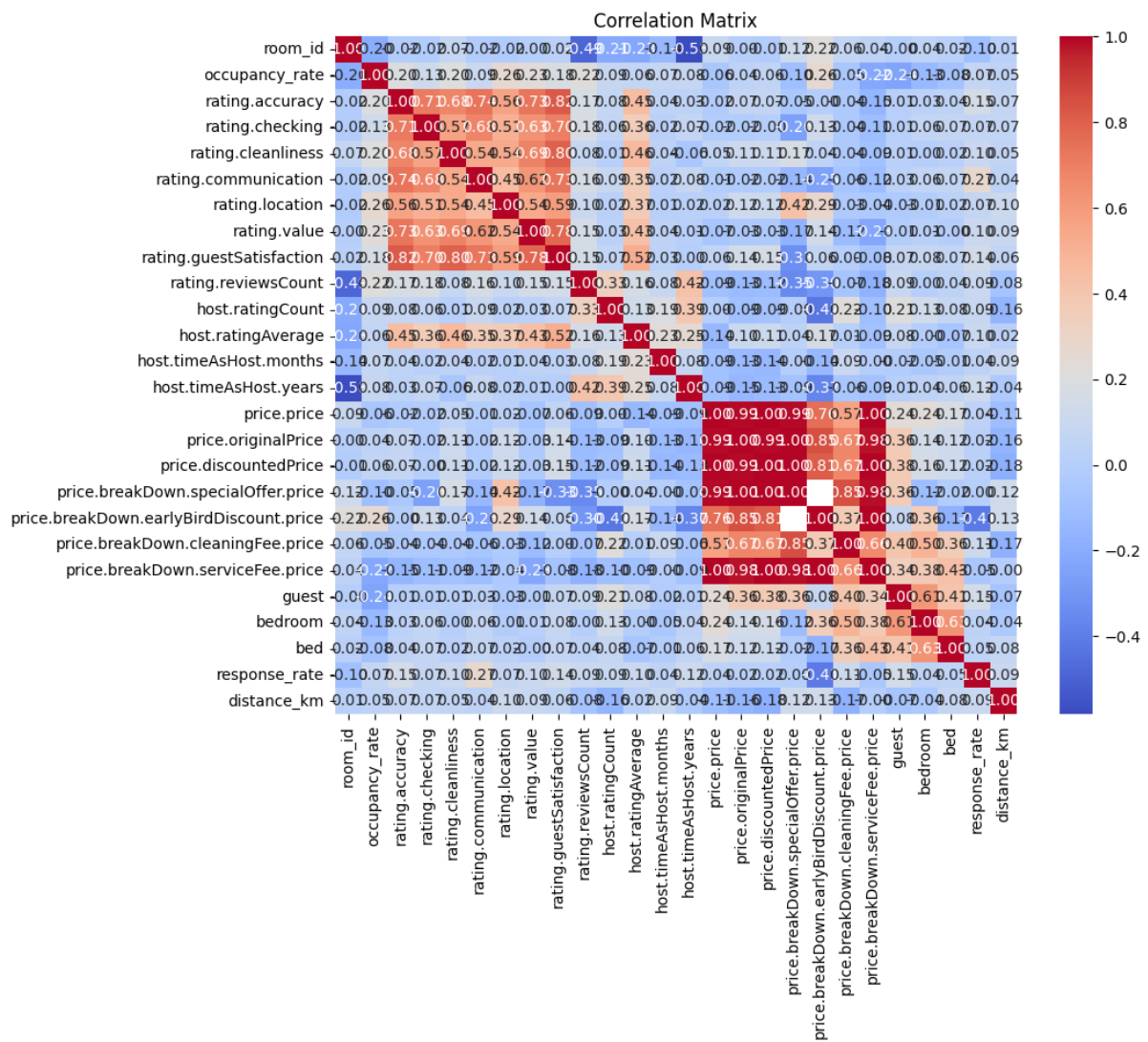
1. Basic Data Understanding

The dataset includes 1287 listings in April 2025 with 41 features.

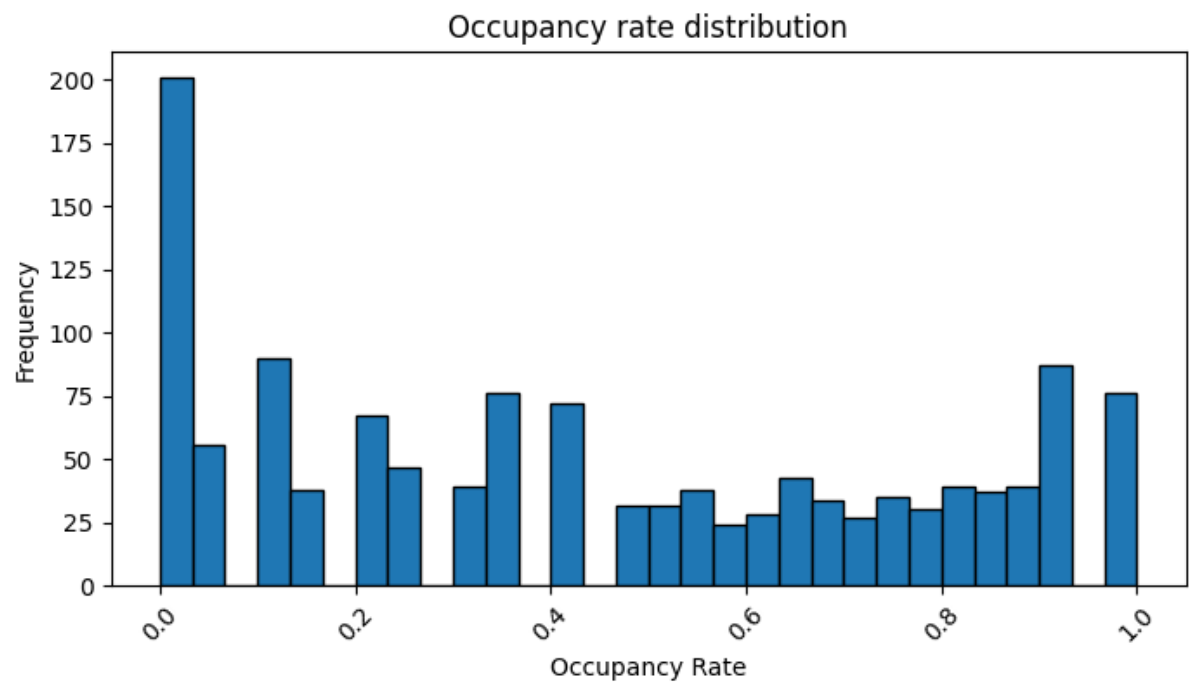
1.1 Distribution of each columns



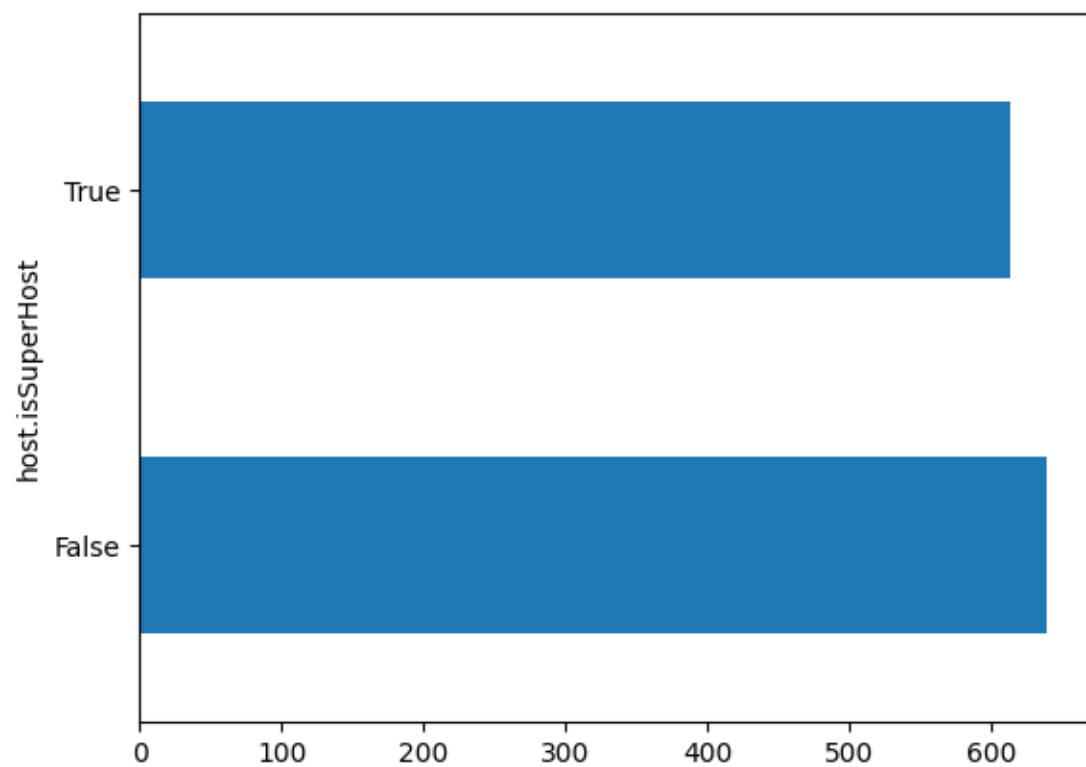
1.2 Correlation Matrix

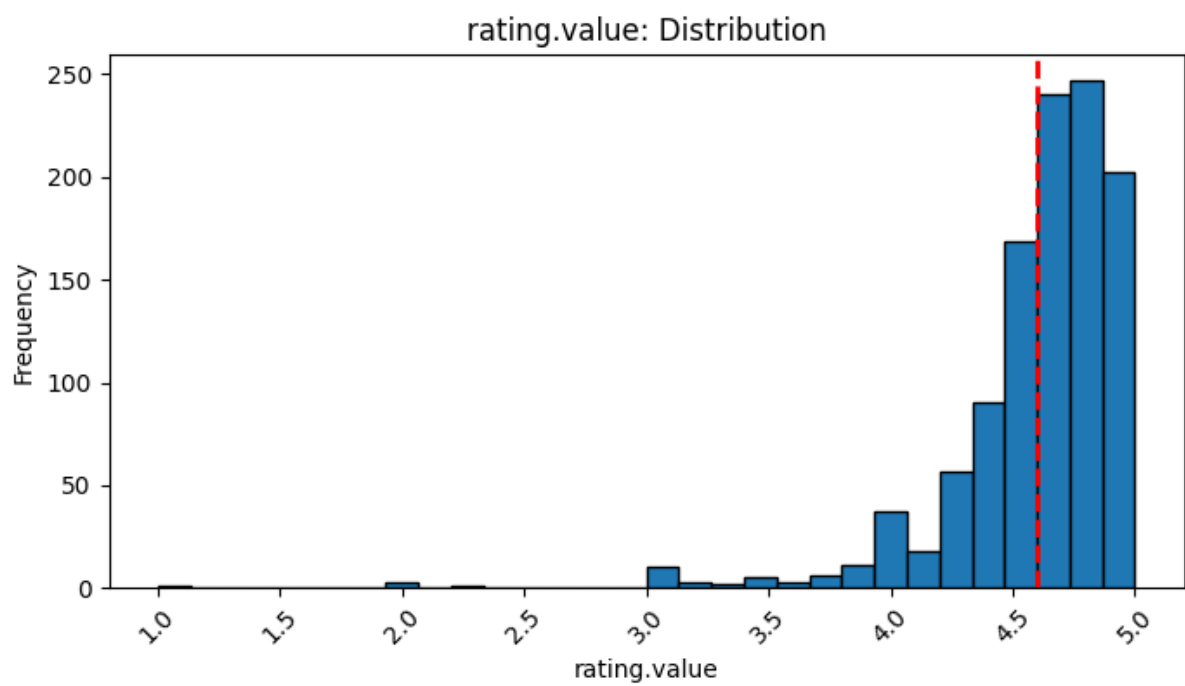
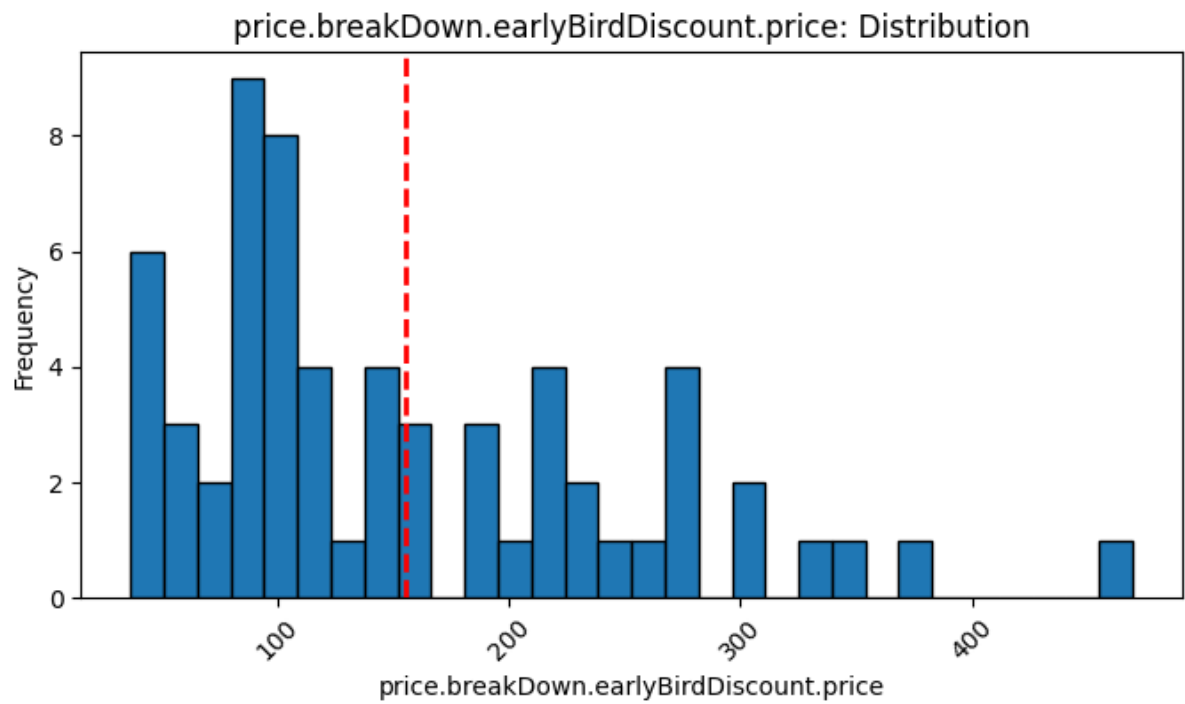


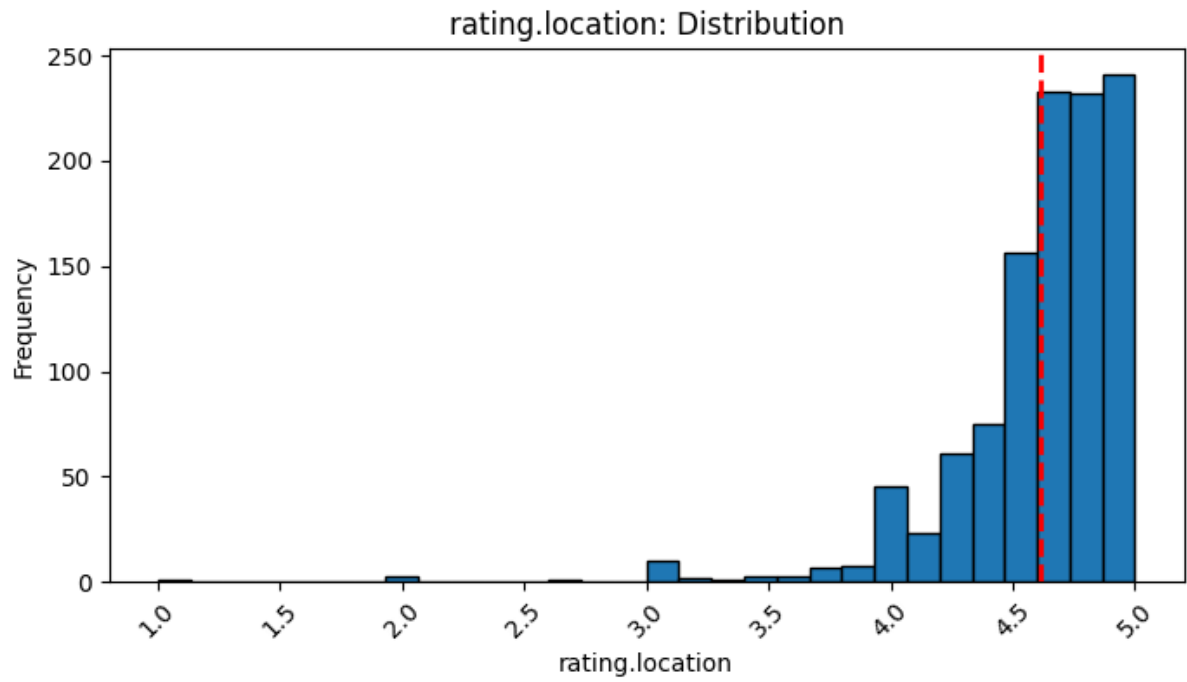
1.3 Occupancy rate(Target variable) distribution



2.1 Highly correlated variable visualization







3.1 Simple Linear Regression

