ANA502 Final data preparation

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1. Basic Data Understanding

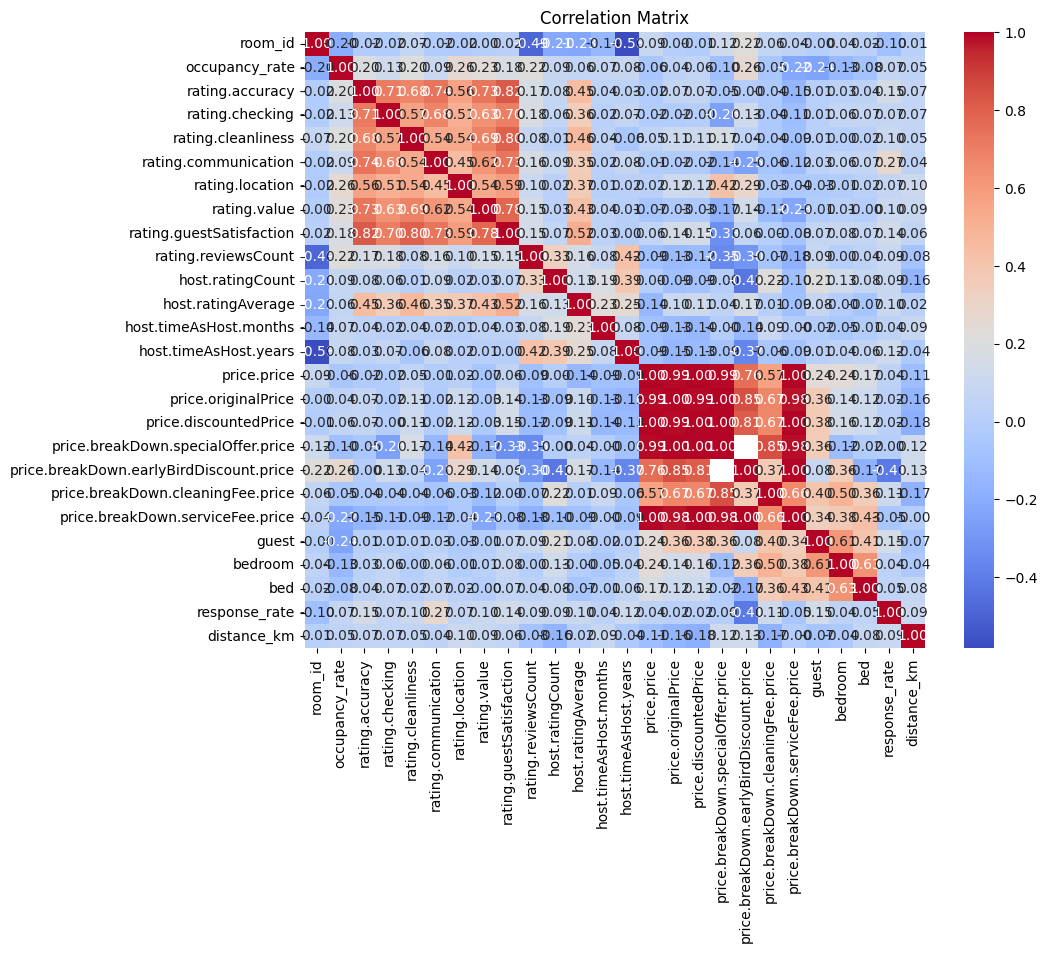
The dataset includes 1287 listings in April 2025 with 41 features.

1.1 Distribution of each columns

A screenshot of a graph

AI-generated content may be incorrect.

1.2 Correlation Matrix



* 1. Occupancy rate(Target variable) distribution

A graph of blue bars

AI-generated content may be incorrect.

2.1 Highly correlated variable visualization

A blue and white bar graph

AI-generated content may be incorrect.

A graph of blue bars with red dotted line

AI-generated content may be incorrect.A graph with blue bars

AI-generated content may be incorrect.A graph of a number of bars

AI-generated content may be incorrect.

3.1 Simple Linear Regression

A graph with text on it

AI-generated content may be incorrect.