

I'll help you profile this dataset by analyzing its key characteristics:

1. Basic Information:

- Number of columns: 12
- Column names: brokered_by, status, price, bed, bath, acre_lot, street, city, state, zip_code, house_size, prev_sold_date

2. Data Quality Issues:

- Missing values (nan, -1, Unknown)
- Inconsistent formats (especially in dates, prices, and numbers)
- Mixed data types within columns
- Special characters in addresses
- State abbreviations mixed with full names (TX vs Texas)

3. Column-specific analysis:

brokered_by: - Contains numeric IDs - Has missing values (nan, -1) - Some entries appear multiple times

status: - Main categories: sold, for_sale - Inconsistent formats (f, s, Unknown, -)

price: - Mix of numeric and string formats (some with \$ symbol) - Contains missing values (nan) - Range appears to be from around \$2,500 to \$2,450,000

bed: - Mix of numeric and text formats (three, four) - Contains missing values - Range typically 1-12 bedrooms

bath: - Mix of numeric and text formats (two) - Contains missing and invalid values (-1) - Range typically 1-12 bathrooms

acre_lot: - Numeric values - Contains missing values and -1 - Range from very small (0.00089) to large plots (35.0)

street: - Mix of formats and styles - Contains missing values - Some entries have unusual formatting with commas

city: - Various city names - Contains missing values (-) - Some Unknown entries

state: - Mix of full names and abbreviations - Contains missing values and Unknown entries - Some inconsistent formatting

zip_code: - Mix of numeric and missing values - Some invalid entries (-1) - 5-digit format when present

house_size: - Mix of numeric values - Contains very small values (likely errors) - Some missing or invalid entries (-1)

prev_sold_date: - Multiple date formats (YYYY-MM-DD, MM/DD/YY) - Contains missing values - Some invalid or Unknown entries

4. Data Quality Recommendations:

- Standardize date formats
- Clean price values to numeric format
- Standardize state names/abbreviations
- Validate and clean numeric fields
- Handle missing values consistently
- Standardize status categories
- Clean and validate zip codes
- Convert text numbers to numeric format
- Validate house size measurements
- Clean address formats

This dataset would benefit from significant cleaning and standardization before analysis.